

# ALSPEC INDUSTRIAL BUSINESS PARK (OSSM)

**ESD REPORT** 

OCTOBER 2024



## **CONTACT**



Shruti Thomas Senior Sustainability Consultant T: +61 422 939 600

E: shruti.thomas@arcadis.com

Arcadis Australia Pacific. Gadigal Country Level 16, 580 George Street, Sydney NSW



# **ALSPEC INDUSTRIAL BUSINESS PARK (OSSM)**

## **ESD Report**

Author Shruti Thomas

Reviewer Jasmine Davidson

Approver Courtney Rheault

Date October 2024

## **Version Control**

Issue	Revision No.	Description	Date Issued	Reviewed by:
Α	01	Draft Issue	21/10/2024	Jasmine Davidson
Α	02	Final Issue	28/10/2024	Shruti Thomas



## **CONTENTS**

CON	NTACT	1
Vers	sion Control	0
Con	ntents	1
1	Introduction	2
1.1	Purpose of the Report	2
1.2	Site Description	2
1.3	Reference Documents	2
2	Project Response to NCC Section J requirements	3
2.1	Part J7: Artificial Lighting and power	
2.2	Part J8: Heated water supply and swimming pool and spa pool plant	3
2.3	Part J9: Facilities for energy monitoring	3
3	Project Response to NSW SEPP (Sustainable Buildings) 2022	4
3.1	Assumptions	4
4	Key Sustainability Opportunities	5
App	pendix A – NABERS Embodied Emissions Material form	6



## 1 Introduction

## 1.1 Purpose of the Report

Arcadis has been engaged by HB+B Property to develop an ESD report for the proposed on-site sewer management (OSSM) facility which will service the Alspec Industrial Business Park (AIBP) development at 221 Luddenham Road, Orchard Hills, NSW 2748. The purpose of this report is to identify key sustainability opportunities and inform the applicable sustainability conditions required for compliance under the National Construction Code (NCC) and NSW Sustainable Buildings State Environmental Planning Policies (SEPP).

## 1.2 Site Description

The site is located on Luddenham Road, south of Patons Lane, in Orchard Hills. Located approximately 30 kilometres west of Parramatta CBD, the site is irregular in shape, with split frontages across both Luddenham Road and Patons Lane. The development site is bound by private property to the south, Luddenham Road and private property to the east, Patons Lane to the north, and extends approximately 1.1 kilometres west towards Stockdale Road from the Luddenham Road and Patons Lane intersection.



Fig 1- Site Plan

#### 1.3 Reference Documents

This report has been prepared based on the information and drawings shown below:

- Concept Utility Servicing Plans produced by Arcadis, dated 03/07/2024
- NSW Sustainable Buildings SEPP Technical Note, dated September 2023
- NCC 2022 Section J Energy Efficiency



## 2 Project Response to NCC Section J requirements

Compliance with NCC 2022 Section J "Energy Efficiency" will be demonstrated by meeting the Deemed-to-Satisfy provisions for J1-J9. This section outlines specific features of the building fabric that need to be addressed and included in the architectural documentation in order to comply with the NCC "Energy Efficiency" provision of Section J.

Section J compliance is required for parts of the building fabric that separate a conditioned space or habitable room from:

- a) the exterior of the building; or
- b) a non-conditioned space including:
  - a. the floor of a rooftop plant room, lift-machine room or the like; and
  - b. the floor above a carpark or warehouse; and
  - c. the common wall with a carpark, warehouse, unconditioned toilet or the like.

As all buildings in the OSSM facility are unconditioned or not habitable, they do not have to comply with Part J1—J5 of the NCC 2022.

## 2.1 Part J7: Artificial Lighting and power

Electrical design completed by the nominated electrical engineer must be designed to meet Part J6 requirements.

## 2.2 Part J8: Heated water supply and swimming pool and spa pool plant

Not Applicable.

## 2.3 Part J9: Facilities for energy monitoring

J9	Item	Compliance
J9D3 – Facilities for Energy monitoring	A building or sole-occupancy unit with a floor area of more than 500 m2 must have an energy meter configured to record the time-of-use consumption of gas and electricity.	Readily achievable
J9D4 Facilities for electric vehicle charging equipment	Electrical distribution boards dedicated to serving electric vehicle charging in a carpark must be sized to support the future installation of a 7 kW (32 A) type 2 electric vehicle charger in 20% of car parking spaces associated with a Class 7b building	No dedicated car park for the OSSM building
J9D5 Facilities for solar photovoltaic and battery systems	The main electrical switchboard of a building must— contain at least two empty three-phase circuit breaker slots and four DIN rail spaces labelled to indicate the use (a) of each space for— a solar photovoltaic system; and (i) a battery system; and	Readily achievable



<ul><li>(ii) be sized to accommodate the installation of solar photovoltaic panels producing their maximum electrical output</li><li>(b) on at least 20% of the building roof area.</li></ul>	
At least 20% of the roof area of a building must be left clear for the installation of solar photovoltaic panels, except for buildings— with installed solar photovoltaic panels on— (a) at least 20% of the roof area; or (i) an equivalent generation capacity elsewhere on-site;	Readily achievable.

## 3 Project Response to NSW SEPP (Sustainable Buildings) 2022

The NSW Government has set whole-of-economy targets to reduce greenhouse gas emissions (GHG) by 50 per cent by 2030 compared to 2005 levels, and net zero emissions by 2050. Achieving these targets will require all new and existing buildings in NSW to be operating at net zero well before 2050.

The NSW Sustainable Buildings State Environmental Planning Policies aims to simplify, measure and report the way buildings are planned and designed in NSW. Sustainable Buildings SEPP was introduced to measure the performance of new buildings in NSW and to ensure that new buildings are in alignment with the Net Zero commitments set by the state government.

As per the requirements outlined in NSW Sustainable Buildings SEPP, all new commercial buildings >1,000 m<sup>2</sup> should measure and report on the embodied emissions for the building. The proposed development fits this criterion and is required to measure and report the embodied emissions of the project as part of the Development Application.

As per the NSW SEPP SB, the embodied emissions from the project must be documented and calculated in the NABERS Embodied Emissions tool. At the time of writing the tool has not been released and the interim NABERS Material Form was used. The tool will be used for later stages of the project once available. Following the data collection, the material quantities were input into the NABERS Materials Form.

The NABERS Material Form only captures the material quantities and not the associated embodied emissions.

The NABERS material emissions form was signed off by Peter Hammond (Napier & Blakeley). Please refer to **Appendix A – NABERS material emissions form.** 

## 3.1 Assumptions

- The material emissions were calculated based on estimates from drawings and reports available at the time of writing.
- The NABERS Embodied Emissions Tool is the required format for non-residential reporting.
  However, at the time of writing, the NABERS Embodied Emissions Tool is not released and the
  interim form NABERS Embodied Emissions Materials Form was used to report on the material
  quantities as per the guidelines outlined in Embodied Emissions Technical Note by Department of
  Planning and Environment.



## 4 Key Sustainability Opportunities

In response to the increasing severity of natural hazards resulting from changing climate, there has been a growing global focus on sustainable and innovative solutions to mitigate the effects of climate change and drastically reduce human activity related GHG emissions and therefore contain global warming and its flow-on effects. Integrating sustainability into the facility's operations can reduce the use of resource consumption, environmental impact and cost in the long term. Arcadis has identified potential sustainability opportunities that HB+B Property can implement to enhance overall sustainability in the project.

#### 1. Reuse of treated water

As an onsite sewer management facility (OSSM), the treated water can be reused for irrigation, toilet flushing reducing overall potable water consumption.

### 2. Rainwater Harvesting

2 x 5kL rainwater tanks are proposed for the facility which can be used for landscape irrigation reducing the potable water demand.

#### 3. Stormwater re-use

Stormwater from the site collected in the OSD tank, treated through filter cartridges and drained to the estate storage basin can be reused for irrigation within the development.

### 4. Low water use in landscaping

Incorporate native plants and regenerative landscaping practices to reduce maintenance, water consumption and promote local habitat.

#### 5. Water efficient fixtures

All fixtures and water-using appliances installed within the project at a minimum, meet the prescribed WELS ratings 4.0 star rated toilets, 5.0 star rated Kitchen Taps, 6.0 star bathroom taps.

#### 6. Monitoring Systems

Smart building technologies and intelligent controls for ventilation and lighting controls, to optimise energy usage. Lighting motion and timing sensors activate lighting and dimming sensitivity to reduce energy use.

#### 7. Low carbon materials

Use low embodied carbon materials in the construction and maintenance of the onsite system to lower the overall carbon footprint.

## 8. Efficient lighting and maximise use of daylight

Translucent sheeting used in the building envelope fabric, allows natural light to enter the building and reducing the reliance on lights during the day. Internal LED lighting will be used to further reduce energy consumption.



## **Appendix A – NABERS Embodied Emissions Material form**

Step 1: About the building	Fill out b	olue cells				
Building location and site data	Value		Unit	Note	Comment	
Building address	221-235 Ludenham Rd, Ocha	ard Hills	O.I.K	1100	- Common	
Postcode	2748			Required	Postcode of building	
Town/city	ORCHARD HILLS			Town/city/suburb/region automated from postcode (may not give exact town name)	Town/city/suburb/region of the building site.	
Distance to nearest major city/town			km	Enter for rural/regional locations only	Declare the shortest route by road to your site from the centre of your nearest major city (>100,000 people). The route must be traversable by a semitralier truck.	
Project stage	Development Application			Required	Stage of development	
New build or major renovation?	New build			Required	Cago of development	
Brownfield or greenfield site?	Greenfield			Required		
Statistical of greenhold dice.				reduite		
Floor area by NCC building classification	Gross (GFA)	Net (NLA/NSA/UFA)	Unit	Note		
Please enter all floor areas relevant to your building. Leave all building classifications. Please also enter the correspon Area) where it is commonly used for that building classifica	areas blank if not applicable	e. Please enter Gross Floor	Area (GFA) for			
Class 1a: Detached residential buildings			m²	Required for Class 1a: Detached residential houses, townhouses	Gross Floor Area (GFA), as defined by the AIQS Australian Cost Management Manual	
Class 1b: Boarding houses and hostels			m²	Required for Class 1b: Boarding house, guest house, hostel	Net area (Net Lettable Area, Net Sellable Area, Usable Floor Area), as defined by the PCA's Method of Measurement	
Class 2: Multi-unit residential buildings			m²	Required for Class 2: Multi-unit residential, including apartment buildings	,	
Class 3: Other residential buildings			m²	Required for Class 3: Other residential buildings		
Class 4: Residential inside non-residential			m²	Required for Class 4: Residential building inside a non-residential building, e.g., caretaker resi	idence	
Class 5: Office buildings			m²	Required for Class 5: Office building		
Class 6: Retail buildings			m²	Required for Class 6: Retail building, e.g., shop, restaurant, café		
Class 7a: Carparks			m²	Required for Class 7a: Carparks		
Class 7b: Warehouse-type buildings			m²	Required for Class 7b: Warehouses, wholesalers and storage facilities		
Class 8: Industrial buildings	632		m²	Required for Class 8: Industrial buildings, e.g., factories and workshops		
Class 9a: Healthcare buildings			m²	Required for Class 9a: Healthcare, e.g., hospitals, clinics, day surgeries		
Class 9b: Civic buildings			m²	Required for Class 9b: Civic buildings, e.g., theatres, civic centres, train stations		
Class 9c: Aged care and personal care buildings			m²	Required for Class 9c: Aged care and personal care		
Class 10a: Non-habitable buildings			m²	Required for Class 10a: Non-habitable buildings including sheds, carports and private garage	25	
Class 10b: Miscellaneous structures			m²	Required for Class 10b: Miscellaneous structures, including fences, masts, antennas, retaining walls and swimming pools		
Class 10c: Bushfire shelters			m²	Required for Class 10c: Bushfire shelters not attached to a Class 1a building	g	
Total	632	0	m²	Required: Sum of m² inputs must be more than 0.		
		_				
Project information	Value		Unit	Note		
Total cost of project		9,147,127	AUD excl. GST	Required	Include labour, materials, transport, plant, equipment and professional fees. Exclude GST, land, finance, escalation and other costs.	
Building design life		50	years	Required	If uncertain, enter 50 years	
Estimated envelope life			years	Optional		
Estimated replacement cycle for mechanical services			years	Optional		
Estimated replacement cycle for vertical transportation			years	Optional		
Dimensions of the building and the site	Value		Unit	Note		
Site area		5,252	m²	Required	Total area of site to external boundary.	
Shared services or infrastructure	Yes			Required	Indicate if there are shared services that the building utilises, or shared foundations, basement or podium	
Building footprint area		632	m²	Required	Total floor area of the ground floor measured to the outside edge of the floorplate.	
Daliding rootprint and						
Typical floor area (if different to building footprint area)			m²	Only needed if different to row above		
		107	""	Only needed if different to row above Required		
Typical floor area (if different to building footprint area)		107 1,104	m			
Typical floor area (if different to building footprint area) Typical floor perimeter			m	Required		
Typical floor area (if different to building footprint area) Typical floor perimeter Area of external carpark (not included in GFA)		1,104	m	Required Required. Enter 0 if not applicable.	Include all other impervious areas. For example, patios, paths and driveways (not already included in carparks and hardstands above).	
Typical floor area (if different to building footprint area) Typical floor perimeter Area of external carpark (not included in GFA) Area of external hardstand (not included in GFA)		1,104 2,300	m	Required Required. Enter 0 if not applicable. Required. Enter 0 if not applicable.	Include all other impervious areas. For example, patios, paths and driveways (not already included in carparks and hardstands above).	
Typical floor area (if different to building footprint area) Typical floor perimeter Area of external carpark (not included in GFA) Area of external hardstand (not included in GFA) Area of other hard landscaping (not included in GFA)		1,104 2,300	m m² m² m²	Required Required. Enter 0 if not applicable.	Include all other impervious areas. For example, patios, paths and driveways (not already included in carparks and hardstands above).	
Typical floor area (if different to building footprint area) Typical floor perimeter Area of external carpark (not included in GFA) Area of external hardstand (not included in GFA) Area of other hard landscaping (not included in GFA) Number of floors/storeys above ground, including ground floor		1,104 2,300	m m² m² m² m² no.	Required Required. Enter 0 if not applicable. Required. Enter 0 if not applicable. Required. Enter 0 if not applicable. Required.	Include all other impervious areas. For example, patios, paths and driveways (not already included in carparks and hardstands above).	

3				, and the second
Structural material choices	Value	Unit	Note	
Foundation type	Slab-on-ground		Required	
Frame type (dominant)	Steel		Required	
Suspended floor type (typical)	Reinforced concrete		Only needed for multi-storey buildings	
Describe low carbon materials specified in your building (e.g. green concrete, low carbon bricks)	Not applicable		Required	
Describe recycled content specified in your building (e.g. recycled steel)	Not applicable		Required	

Fill out blue cells

aterial category								
tructure	Sub-category 1	Sub-category 2	Sub-category 3	Value	Unit of measure	Comment	AIQS ACMM Code	ICMS3 (Level 3 Codes Con
ne structural parts of the building that are his includes fill below the substructure, f	oundations, basement levels, s			lift shafts and balconies.				
excludes external areas such as hardsta overage of structural material spend	ands, carparks, patios, etc.			80	0/	Required. Coverage of spend for structural elements entered below.	1	
oncrete in-situ	- ≤10 MPa	-		80		Minimum requirement = 80%. Exclude head contractor preliminaries and margins.  Please enter reinforcing steel as part of "Reinforcing steel" below	01_SB or 02-11	02 or 03
oncrete in-situ	>10 MPa to ≤20 MPa	-	-		m³	Please enter reinforcing steel as part of "Reinforcing steel" below	01_SB or 02-11	02 or 03
oncrete in-situ	>20 MPa to ≤32 MPa	-	-	73.0		Please enter reinforcing steel as part of "Reinforcing steel" below	01_SB or 02-11	02 or 03
ncrete in-situ Increte in-situ	>32 MPa to ≤40 MPa >40 MPa to ≤50 MPa			88.0		Please enter reinforcing steel as part of "Reinforcing steel" below Please enter reinforcing steel as part of "Reinforcing steel" below	01_SB or 02-11 01_SB or 02-11	02 or 03 02 or 03
ncrete in-situ	>50 MPa to ≤60 MPa	-	-			Please enter reinforcing steel as part of "Reinforcing steel" below	01_SB or 02-11	02 or 03
ncrete in-situ ncrete in-situ	>60 MPa to ≤80 MPa >80 MPa to ≤100 MPa	-	-			Please enter reinforcing steel as part of "Reinforcing steel" below Please enter reinforcing steel as part of "Reinforcing steel" below	01_SB or 02-11 01_SB or 02-11	02 or 03 02 or 03
ncrete in-situ	>100 MPa					Please enter reinforcing steel as part of "Reinforcing steel below  Please enter reinforcing steel as part of "Reinforcing steel" below	01_SB or 02-11	02 or 03
ncrete pre-cast panel		-	-	71.8		Please enter reinforcing steel in relevant line items below. If not known at DA stage, please make your best estimate. If not known at CC stage, please ask your supplier.	01_SB or 02-11	02 or 03
ncrete block	Hollow core				m3	Enter as <u>cubic metres</u> , calculated as (area in m²) * (thickness in mm / 1000).	01_SB	02 or 03
oncrete block/brick	Solid	-				Please include all block fill concrete and all reinforcing steel in relevant line items above/below.  Enter as <u>cubic metres</u> , calculated as (area in m²) * (thickness in mm / 1000)	01_SB	02 or 03
oncrete block/brick	Solid AAC				m³	Solid Aerated Autoclaved Concrete (AAC) block.	01_SB	02 or 03
ortar					kg	Enter as <u>cubic metres</u> , calculated as (area in m²) * (thickness in mm / 1000).	01_SB	02 or 03
inforcing steel	Bar & mesh		_	8,823	ka	Include all reinforcing steel bar/mesh in the building's structure in this row. Usually this is calculated as kg/m³ per concrete element and then summed. Example: 10 m³ of 40 MPa concrete	. 01 SB or 02-11	02 or 03
-		•	•	6,623	-	@ 100 kg/m³ + 5 m³ of 50 MPa concrete @ 150 kg/m³ = 1,750 kg reinforcing steel.		
inforcing steel uctural steel	Fibre & strand Hot rolled structural			10		Include all steel fibre reinforcing and steel strand in the building's structure in this row.  Examples include universal beams, universal columns and welded beams	01_SB or 02-11 01_SB	02 or 03 02 or 03
uctural steel	Cold formed structural			1		Examples include C purlins, Z purlins and all light gauge steel framing	01_SB	02 or 03
uctural steel uctural steel	Other welded structural Plate	•	-		t •	Include any allowance for connections here	01_SB 01_SB	02 or 03 02 or 03
uctural steel	Sheet			1	t	include any allowance for connections here	01_SB	02 or 03
inless steel	-	-	-			Primarily for engineered timber structure connections	02_11	02 or 03
inforced concrete piles	Concrete	-	-	I		Please enter reinforcing steel in the line below. If not known at DA stage, please make your best estimate. If not known at CC stage, please ask your supplier.	01_SB	02 or 03
nforced concrete piles	Steel reinforcing				ka	If not known at DA stage, please make your best estimate. If not known at CC stage, please ask	01_SB	02 or 03
el piles						your supplier.  Where concrete and reinforcing steel are also used, enter these in the rows above.	01_SB	02 or 03
ber poles/piles		-				Where concrete and reinforcing steel are also used, enter these in the rows above.	01_SB	02 or 03
ber (solid)	Sawn softwood	-	-		m <sup>3</sup>		02_11	02 or 03
ber (solid) ber (engineered)	Sawn hardwood CLT				m³		02_11 02_11	02 or 03 02 or 03
per (engineered)	Glulam	-	-		m³		02_11	02 or 03
per (engineered)	LVL OSB	-	-		m <sup>3</sup>	Enter as cubic metres, calculated as fares of wall is with # Historian in mark (1990)	02_11	02 or 03
ber (engineered) k	OSB Heat cured					Enter as <u>cubic metres</u> , calculated as (area of wall in m²) * (thickness in mm / 1000)  Enter as <u>cubic metres</u> , calculated as (area of wall in m²) * (thickness in mm / 1000)	02_11 02_11	02 or 03 02 or 03
ctural Insulated Panel (SIP)	Steel outer	-			m²		01_SB	02 or 03
actural Insulated Panel (SIP)	Aluminium outer	-	-		m²		01_SB	02 or 03
uctural Insulated Panel (SIP)	Engineered timber outer -			0	t	Include purchased material only. Exclude site-won material.	01_SB 01_SB	02 or 03 01
d & gravel		-				Include purchased material only. Exclude site-won material and sand/gravel in concrete.	01_SB	01
terproofing membrane	Bituminous	-	-	21	m²		01_SB	01 or 02 or 03
terproofing membrane er structural (Describe and add unit >>)	Polyethylene	i :		632	m*	Please enter a description for any structural material that does not fit a predefined classification	01_SB	01 or 02 or 03
ner structural (Describe and add unit >>)						Please enter a description for any structural material that does not fit a predefined classification		
her structural (Describe and add unit >>)						Please enter a description for any structural material that does not fit a predefined classification		
nvelope e skin of the building that separates the	internal building from the exter	rnal environment						
is includes the roof cladding, wall cladd			o includes insulation and the	internal wall lining of env				
verage of envelope material spend		-		80		Required. Coverage of <u>spend</u> for the envelope items you have entered below.  Minimum requirement = 80%. Exclude head contractor preliminaries and margins.		
						Enter as m² of roof area. Exclude allowances for overlap in the roofing sheets. This row includes	•	
of cladding	Profiled steel	•		664	III-	all metal-coated and pre-painted steel sheets where steel is the base metal. Examples include: galvanised steel, zinc-aluminium (zincalume) coated steel and zinc-aluminium-magnesium (ZAM) coated steel, whether painted or unpointed.	05_RF	03 or 04
of cladding	Profiled aluminium	_	_		m²	coated steel, whether painted or unpainted.  Enter as m² of roof area. Exclude allowances for overlap in the roofing sheets. This row also	05_RF	03 or 04
•		•			III-	includes pre-painted aluminium sheets.  Enter as m² of roof area. Exclude allowances for overlap in the roofing sheets. This row also		
of cladding	Profiled zinc	-	-		m•	includes pre-painted zinc sheets.	05_RF	03 or 04
of cladding of cladding	Membrane	-				Enter as m² of roof area. Exclude allowances for overlap in the membrane sheets.	05_RF 05_RF	03 or 04
	Tiles (traditional clay)				m.	Enter as m <sup>2</sup> of roof area. Exclude allowances for overlap between the tiles.		03 or 04
	Tiles (concrete)				m²	·		03 or 04
of cladding	Tiles (concrete) Other (Please describe >>)				m² m²	Enter as m² of roof area. Exclude allowances for overlap between the tiles.  Please enter a description for any roofing that does not fit a predefined classification	05_RF 05_RF	03 or 04 03 or 04
of cladding of cladding all cladding					m <sup>2</sup> m <sup>2</sup>	Enter as m² of roof area. Exclude allowances for overlap between the tiles.  Please enter a description for any roofing that does not fit a predefined classification  Enter as m² of wall area. Heat-cured bricks use a kiln or furnace to raise the brick temperature	05_RF	
of cladding of cladding all cladding	Other (Please describe >>) Bricks (heat cured)				III-	Enter as m <sup>2</sup> of roof area. Exclude allowances for overlap between the tiles.  Please enter a description for any roofing that does not fit a predefined classification  Enter as m <sup>2</sup> of wall area. Heat-cured bricks use a kiln or furnace to raise the brick temperature above ambient temperature during curing process.	05_RF 05_RF 06_EW	03 or 04 03 or 04
of cladding of cladding	Other (Please describe >>)	· · · · · ·			m²	Enter as m² of roof area. Exclude allowances for overlap between the tiles.  Please enter a description for any roofing that does not fit a predefined classification  Enter as m² of wall area. Heat-cured bricks use a kiln or furnace to raise the brick temperature	05_RF 05_RF	03 or 04
of cladding of cladding all cladding all cladding all cladding all cladding	Other (Please describe >>)  Bricks (heat cured)  Bricks (air dried)  Bricks (under fired)  Bricks (concrete)	·	: : : :		m² m²	Enter as m² of roof area. Exclude allowances for overlap between the tiles.  Please enter a description for any roofing that does not fit a predefined classification  Enter as m² of wall area. Heat-cured bricks use a kiln or furnace to raise the brick temperature above ambient temperature during curing process.  Enter as m² of wall area. Air-dried bricks are cured using ambient temperature.	05_RF 05_RF 06_EW 06_EW 06_EW 06_EW	03 or 04 03 or 04 03 or 04 03 or 04 03 or 04
of cladding of cladding ill cladding ill cladding ill cladding	Other (Please describe >>)  Bricks (heat cured)  Bricks (air dried)  Bricks (under fired)				m² m² m² kg	Enter as m² of roof area. Exclude allowances for overlap between the tiles.  Please enter a description for any roofing that does not fit a predefined classification  Enter as m² of wall area. Heat-cured bricks use a kiln or furnace to raise the brick temperature above ambient temperature during curing process.  Enter as m² of wall area. Air-dried bricks are cured using ambient temperature.  Enter as m² of wall area.  Enter as m² of wall area.	05_RF 05_RF 06_EW 06_EW 06_EW	03 or 04 03 or 04 03 or 04 03 or 04
of cladding of cladding ill cladding all cladding ill cladding ill cladding ill cladding	Other (Please describe >>)  Bricks (heat cured)  Bricks (air dried)  Bricks (under fired)  Bricks (concrete)	: : : : :		404	m² m² m² kg	Enter as m² of roof area. Exclude allowances for overlap between the tiles.  Please enter a description for any roofing that does not fit a predefined classification  Enter as m² of wall area. Heat-cured bricks use a kiln or furnace to raise the brick temperature above ambient temperature during curing process.  Enter as m² of wall area. Air-dried bricks are cured using ambient temperature.  Enter as m² of wall area.	05_RF 05_RF 06_EW 06_EW 06_EW 06_EW	03 or 04 03 or 04 03 or 04 03 or 04 03 or 04
of cladding of cladding Ill cladding Ill cladding III cladding III cladding III cladding III cladding	Other (Please describe >>) Bricks (heat cured) Bricks (air dried) Bricks (under fired) Bricks (concrete) Mortar and render	: : : : :		404	m² m² m² kg	Enter as m² of roof area. Exclude allowances for overlap between the tiles.  Please enter a description for any roofing that does not fit a predefined classification  Enter as m² of wall area. Heat-cured bricks use a kin or furnace to raise the brick temperature above ambient temperature during curing process.  Enter as m² of wall area. Air-dried bricks are cured using ambient temperature.  Enter as m² of wall area.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row includes all metal-coated and pre-painted steel sheets where steel is the base metal.  Examples include: galvanised steel, zinc-aluminium (zincalume) coated steel and zinc-aluminium-magnesium (ZAM) coated steel, whether painted or unpainted	05_RF 05_RF 06_EW 06_EW 06_EW 06_EW	03 or 04 03 or 04 03 or 04 03 or 04 03 or 04 03 or 04
of cladding of cladding III cladding III cladding III cladding III cladding III cladding III cladding IIII cladding	Other (Please describe >>) Bricks (heat cured) Bricks (air dried) Bricks (under fired) Bricks (concrete) Mortar and render	· · · · · · · · · · · · · · · · · · ·		404	m² m² m² kg m²	Enter as m² of roof area. Exclude allowances for overlap between the tiles.  Please enter a description for any roofing that does not fit a predefined classification  Enter as m² of wall area. Heat-cured bricks use a kiln or furnace to raise the brick temperature above ambient temperature during curing process.  Enter as m² of wall area. Air-dried bricks are cured using ambient temperature.  Enter as m² of wall area.  Enter as m² of wall area  Enter as m² of wall area  Enter as m² of wall area includes allowances for overlap in the cladding sheets, offcuts, etc. This row includes all metal-coated and pre-painted steel sheets where steel is the base metal.  Examples include: galvanised steel, zinc-aluminium/encalumne) coated steel and zinc-aluminium-	05_RF 05_RF 06_EW 06_EW 06_EW 06_EW	03 or 04 03 or 04 03 or 04 03 or 04 03 or 04 03 or 04
of cladding of cladding all cladding	Other (Please describe >>) Bricks (heat cured) Bricks (air dried) Bricks (under fired) Bricks (concrete) Mortar and render Profiled steel			404	m² m² m² kg m² m²	Enter as m² of roof area. Exclude allowances for overlap between the tiles.  Please enter a description for any roofing that does not fit a predefined classification  Enter as m² of wall area. Heat-cured bricks use a kiln or furnace to raise the brick temperature above ambient temperature during curing process.  Enter as m² of wall area. Air-dried bricks are cured using ambient temperature.  Enter as m² of wall area.  Enter as m² of wall area.  Enter as m² of wall area.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row includes all metal-coated and pre-painted steel sheets where steel is the base metal.  Examples include: galvanised steel, zinc-aluminium (zincalume) coated steel and zinc-aluminium-magnesium (ZAM) coated steel, whether painted or unspairted.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row also includes pre-painted aluminium sheets.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row also includes pre-painted aluminium sheets.	05_RF 05_RF 06_EW 06_EW 06_EW 06_EW 06_EW	03 or 04 03 or 04 03 or 04 03 or 04 03 or 04 03 or 04
of cladding of cladding II cladding III cladding	Other (Please describe >>) Bricks (heat cured) Bricks (air dried) Bricks (under fired) Bricks (concrete) Mortar and render  Profiled steel  Profiled aluminium  Profiled zinc	· · · · · · · · · · · · · ·		404	m² m² m² kg m² m²	Enter as m² of roof area. Exclude allowances for overlap between the tiles.  Please enter a description for any roofing that does not fit a predefined classification  Enter as m² of wall area. Heat-cured bricks use a kiln or furnace to raise the brick temperature above ambient temperature during curing process.  Enter as m² of wall area. Air-dried bricks are cured using ambient temperature.  Enter as m² of wall area.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row includes all metal-coated and pre-painted steel sheets where steel is the base metal.  Examples include: galvanised steel, zinc-aluminium (zincalume) coated steel and zinc-aluminium-magnesium (ZAM) coated steel, whether painted or unpainted.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row also includes pre-painted aluminium sheets.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row also includes pre-painted zinc sheets.	05_RF 05_RF 06_EW 06_EW 06_EW 06_EW 06_EW 06_EW 06_EW	03 or 04
of cladding of cladding Ill cladding	Other (Please describe >>) Bricks (heat cured) Bricks (air dried) Bricks (under fired) Bricks (concrete) Mortar and render Profiled steel  Profiled aluminium Profiled zinc GRC cladding	· · · · · · · · · · · · · · · ·		404	m² m² m² kg m² m² m²	Enter as m² of roof area. Exclude allowances for overlap between the tiles.  Please enter a description for any roofing that does not fit a predefined classification  Enter as m² of wall area. Heat-cured bricks use a kiln or furnace to raise the brick temperature above ambient temperature during curing process.  Enter as m² of wall area. Air-dried bricks are cured using ambient temperature.  Enter as m² of wall area.  Extended and pre-painted steel sheets where steel is the base metal.  Examples include: galvanised steel, zinc-aluminium (zincalume) coated steel and zinc-aluminium-magnesium (ZAM) coated steel, whether painted or unpainted.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row also includes pre-painted aluminium sheets.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row also includes pre-painted zinc sheets.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row also includes pre-painted zinc sheets.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row also includes pre-painted zinc sheets.	05_RF 05_RF 06_EW 06_EW 06_EW 06_EW 06_EW 06_EW 06_EW 06_EW	03 or 04
of cladding of cladding II cladding III cladding	Other (Please describe >>) Bricks (heat cured) Bricks (air dried) Bricks (under fired) Bricks (concrete) Mortar and render  Profiled steel  Profiled aluminium  Profiled zinc	· · · · · · · · · · · · · · · · · · ·		404	m² m² kg m² m² m² m² m² m² m²	Enter as m² of roof area. Exclude allowances for overlap between the tiles.  Please enter a description for any roofing that does not fit a predefined classification  Enter as m² of wall area. Heat-cured bricks use a kiln or furnace to raise the brick temperature above ambient temperature during curing process.  Enter as m² of wall area. Air-dried bricks are cured using ambient temperature.  Enter as m² of wall area.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row includes all metal-coated and pre-painted steel sheets where steel is the base metal.  Examples include: galvanised steel, zinc-aluminium (zincalume) coated steel and zinc-aluminium-magnesium (ZAM) coated steel, whether painted or unpainted.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row also includes pre-painted aluminium sheets.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row also includes pre-painted zinc sheets.	05_RF 05_RF 06_EW 06_EW 06_EW 06_EW 06_EW 06_EW 06_EW	03 or 04
of cladding of cladding II cladding	Other (Please describe >>) Bricks (heat cured) Bricks (air dried) Bricks (under fired) Bricks (concrete) Mortar and render  Profiled steel  Profiled aluminium  Profiled zinc  GRC cladding Timber weatherboards	· · · · · · · · · · · · · · · · · · ·		404	m² m² kg m² m² m² m² m² m² m²	Enter as m² of roof area. Exclude allowances for overlap between the tiles.  Please enter a description for any roofing that does not fit a predefined classification  Enter as m² of wall area. Heat-cured bricks use a kiln or furnace to raise the brick temperature above ambient temperature during curing process.  Enter as m² of wall area. Air-dried bricks are cured using ambient temperature.  Enter as m² of wall area.  Enter as m² of wall area.  Enter as m² of wall area.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row includes all metal-coated and pre-painted steel sheets where steel is the base metal.  Examples include: galvanised steel, zinc-aluminium (zincalume) coated steel and zinc-aluminium-magnesium (ZAM) coated steel, whether painted or unpainted.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row also includes pre-painted aluminium sheets.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row also includes pre-painted zinc sheets.  Enter as m² of wall area. Exclude allowances for overlap between weatherboards, offcuts, etc.	05_RF 05_RF 06_EW 06_EW 06_EW 06_EW 06_EW 06_EW 06_EW 06_EW	03 or 04
of cladding of cladding II cladding II cladding II cladding III cladding	Other (Please describe >>) Bricks (heat cured) Bricks (air dried) Bricks (under fired) Bricks (concrete) Mortar and render  Profiled steel  Profiled aluminium  Profiled zinc  GRC cladding Timber weatherboards Fibre cement board	· · · · · · · · · · · · · · · · · · ·		404	m² m² kg m² m² m² m² m² m² m² m²	Enter as m² of roof area. Exclude allowances for overlap between the tiles.  Please enter a description for any roofing that does not fit a predefined classification  Enter as m² of wall area. Heat-cured bricks use a kiln or furnace to raise the brick temperature above ambient temperature during curing process.  Enter as m² of wall area. Air-dried bricks are cured using ambient temperature.  Enter as m² of wall area.  Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row includes all metal-coated and pre-painted steel sheets where steel is the base metal.  Examples include: galvanised steel, zinc-aluminium (zincalume) coated steel and zinc-aluminium-magnesium (ZAM) coated steel, whether painted or uppainted.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row also includes pre-painted aluminium sheets.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row also includes pre-painted zinc sheets.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row also includes pre-painted zinc sheets.  Enter as m² of wall area. Exclude allowances for overlap between weatherboards, offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.	05_RF 05_RF 06_EW	03 or 04
of cladding of cladding II cladding II cladding II cladding II cladding III cladding	Other (Please describe >>) Bricks (heat cured) Bricks (air dried) Bricks (under fired) Bricks (concrete) Mortar and render Profiled steel  Profiled aluminium Profiled zinc GRC cladding Timber weatherboards Fibre cement board Terracotta			404	m² m² kg m² m² m² m² m² m² m² m²	Enter as m² of roof area. Exclude allowances for overlap between the tiles.  Please enter a description for any roofing that does not fit a predefined classification  Enter as m² of wall area. Heat-cured bricks use a kiln or furnace to raise the brick temperature above ambient temperature during curing process.  Enter as m² of wall area. Air-dried bricks are cured using ambient temperature.  Enter as m² of wall area.  Enter as m² of wall area.  Enter as m² of wall area.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row includes all metal-coated and pre-painted steel sheets where steel is the base metal.  Examples include: galvanised steel, zinc-aluminium (zincalume) coated steel and zinc-aluminium-magnesium (ZAM) coated steel, whether painted or unspaired.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row also includes pre-painted aluminium sheets.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row also includes pre-painted zinc sheets.  Enter as m² of wall area. Exclude allowances for overlap between weatherboards, offcuts, etc.  Enter as m² of wall area. Exclude allowances for overlap between weatherboards, offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.	05_RF 05_RF 06_EW	03 or 04
of cladding of cladding II cladding III cladding	Other (Please describe >>) Bricks (heat cured) Bricks (air dried) Bricks (under fired) Bricks (concrete) Mortar and render Profiled steel  Profiled aluminium Profiled zinc GRC cladding Timber weatherboards Fibre cement board Terracotta Brick tiles / veneers			404	""  ""  ""  ""  ""  ""  ""  ""  ""  ""	Enter as m² of roof area. Exclude allowances for overlap between the tiles.  Please enter a description for any roofing that does not fit a predefined classification  Enter as m² of wall area. Heat-cured bricks use a kiln or furnace to raise the brick temperature above ambient temperature during curing process.  Enter as m² of wall area. Air-dried bricks are cured using ambient temperature.  Enter as m² of wall area.  Enter as m² of wall area.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row includes all metal-coated and pre-painted steel sheets where steel is the base metal.  Examples include: galvanised steel, zinc-aluminium (zincalume) coated steel and zinc-aluminium-magnesium (ZAM) coated steel, whether painted or unpainted.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row also includes pre-painted aluminium sheets.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row also includes pre-painted zinc sheets.  Enter as m² of wall area. Exclude allowances for overlap between weatherboards, offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc. Include both external wall linings and internal wall linings for envelope walls.	05_RF 05_RF 06_EW	03 or 04
of cladding of cladding all cladding	Other (Please describe >>) Bricks (heat cured) Bricks (air dried) Bricks (under fired) Bricks (concrete) Mortar and render  Profiled steel  Profiled aluminium  Profiled zinc  GRC cladding Timber weatherboards Fibre cement board  Terracotta Brick tiles / veneers  Plasterboard	· · · · · · · · · · · · · · · · · · ·		404	""  ""  ""  ""  ""  ""  ""  ""  ""  ""	Enter as m² of roof area. Exclude allowances for overlap between the tiles.  Please enter a description for any roofing that does not fit a predefined classification  Enter as m² of wall area. Heat-cured bricks use a kiln or furnace to raise the brick temperature above ambient temperature during curing process.  Enter as m² of wall area. Air-dried bricks are cured using ambient temperature.  Enter as m² of wall area.  Enter as m² of wall area.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row includes all metal-coated and pre-painted steel sheets where steel is the base metal.  Examples include: galvanised steel, zinc-aluminium (zincalume) coated steel and zinc-aluminium-magnesium (ZAM) coated steel whether painted or unpainted.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row also includes pre-painted aluminium sheets.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row also includes pre-painted zinc sheets.  Enter as m² of wall area. Exclude allowances for overlap between weatherboards, offcuts, etc.  Enter as m² of wall area. Exclude allowances for overlap between weatherboards, offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.	05_RF 05_RF 06_EW	03 or 04
of cladding of cladding II cladding III cladding III cladding III cladding III cladding III cladding III cladding IIII cladding III cladding III cladding III cladding IIII cladding IIII cladding III cladding IIII cladding	Other (Please describe >>) Bricks (heat cured) Bricks (air dried) Bricks (under fired) Bricks (concrete) Mortar and render  Profiled steel  Profiled aluminium  Profiled zinc  GRC cladding Timber weatherboards Fibre cement board Terracotta Brick tiles / veneers Plasterboard  Plywood  Other (Please describe >>) Aluminium frame			404	m²	Enter as m² of roof area. Exclude allowances for overlap between the tiles.  Please enter a description for any roofing that does not fit a predefined classification  Enter as m² of wall area. Heat-cured bricks use a kiln or furnace to raise the brick temperature above ambient temperature during curing process.  Enter as m² of wall area. Air-dried bricks are cured using ambient temperature.  Enter as m² of wall area.  Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row includes all metal-coated and pre-painted steel sheets where steel is the base metal.  Examples include: galvanised steel, zinc-aluminium (zincalume) coated steel and zinc-aluminium-magnesium (ZAM) coated steel, whether painted or unpainted.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row also includes pre-painted aluminium sheets.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row also includes pre-painted zinc sheets.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row also includes pre-painted zinc sheets.  Enter as m² of wall area. Exclude allowances for overlap between weatherboards, offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc. Include both external wall linings and internal wall linings for envelope walls.  Enter as m² of wall area. Exclude allowances for offcuts, etc. Include both external wall linings and internal wall linings for envelope walls.	05_RF 05_RF 06_EW	03 or 04
of cladding of cladding II cladding	Other (Please describe >>) Bricks (heat cured) Bricks (air dried) Bricks (under fired) Bricks (concrete) Mortar and render  Profiled steel  Profiled aluminium  Profiled zinc  GRC cladding Timber weatherboards Fibre cement board Terracotta Brick tiles / veneers Plasterboard  Plywood Other (Please describe >>) Aluminium frame Aluminium frame	Double glazed		404	m² m	Enter as m² of roof area. Exclude allowances for overlap between the tiles.  Please enter a description for any roofing that does not fit a predefined classification  Enter as m² of wall area. Heat-cured bricks use a kiln or furnace to raise the brick temperature above ambient temperature during curing process.  Enter as m² of wall area. Air-dried bricks are cured using ambient temperature.  Enter as m² of wall area.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row includes all metal-coated and pre-painted steel sheets where steel is the base metal.  Examples include: galvanised steel, zinc-aluminium (zincalume) coated steel and zinc-aluminium-magnesium (ZAM) coated steel, whether painted or unpainted.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row also includes pre-painted aluminium sheets.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row also includes pre-painted zinc sheets.  Enter as m² of wall area. Exclude allowances for overlap between weatherboards, offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² o	05_RF 05_RF 06_EW 12_WF or 06_EW 12_WF or 06_EW 06_EW 06_EW 06_EW 07_WW or 08_ED 07_WW or 08_ED	03 or 04
of cladding of cladding II cladding II cladding II cladding II cladding II cladding II cladding III cladding	Other (Please describe >>) Bricks (heat cured) Bricks (air dried) Bricks (under fired) Bricks (concrete) Mortar and render  Profiled steel  Profiled aluminium  Profiled zinc  GRC cladding Timber weatherboards Fibre cement board Terracotta Brick tiles / veneers Plasterboard  Plywood  Other (Please describe >>) Aluminium frame			404	m² m	Enter as m² of roof area. Exclude allowances for overlap between the tiles.  Please enter a description for any roofing that does not fit a predefined classification  Enter as m² of wall area. Heat-cured bricks use a kiln or furnace to raise the brick temperature above ambient temperature during curing process.  Enter as m² of wall area. Air-dried bricks are cured using ambient temperature.  Enter as m² of wall area.  Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row includes all metal-coated and pre-painted steel sheets where steel is the base metal.  Examples include: galvanised steel, zinc-aluminium (zincalume) coated steel and zinc-aluminium-magnesium (ZAM) coated steel, whether painted or unpainted.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row also includes pre-painted aluminium sheets.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row also includes pre-painted zinc sheets.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row also includes pre-painted zinc sheets.  Enter as m² of wall area. Exclude allowances for overlap between weatherboards, offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc. Include both external wall linings and internal wall linings for envelope walls.  Enter as m² of wall area. Exclude allowances for offcuts, etc. Include both external wall linings and internal wall linings for envelope walls.	05_RF 05_RF 06_EW	03 or 04
of cladding of cla	Other (Please describe >>) Bricks (heat cured) Bricks (air dried) Bricks (under fired) Bricks (concrete) Mortar and render  Profiled steel  Profiled aluminium  Profiled zinc  GRC cladding Timber weatherboards Fibre cement board Terracotta Brick tiles / veneers Plasterboard  Plywood  Other (Please describe >>) Aluminium frame Aluminium frame Aluminium frame Timber frame Timber frame Timber frame	Double glazed Triple glazed Single glazed Double glazed		404	m² m	Enter as m² of roof area. Exclude allowances for overlap between the tiles.  Please enter a description for any roofing that does not fit a predefined classification  Enter as m² of wall area. Heat-cured bricks use a kiln or furnace to raise the brick temperature above ambient temperature during curing process.  Enter as m² of wall area. Air-dried bricks are cured using ambient temperature.  Enter as m² of wall area.  Enter as m² of wall area is exclude allowances for overlap in the cladding sheets, offcuts, etc. This row includes all metal-coated and pre-painted steel sheets where steel is the base metal.  Examples include: galvanised steel, zinc-aluminium (zincalume) coated steel and zinc-aluminium-magnesium (zAhh) coated steel, whether painted or unpainted.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row also includes pre-painted aluminium sheets.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row also includes pre-painted zinc sheets.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row also includes pre-painted zinc sheets.  Enter as m² of wall area. Exclude allowances for overlap between weatherboards, offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc. Include both external wall linings and internal wall linings for envelope walls.  Enter as m² of wall area. Exclude allowances for offcuts, etc. Include both external wall linings and internal wall linings for envelope walls.  Enter as m² of wall area. Exclude	05_RF 05_RF 06_EW 07_WW or 08_ED 07_WW or 08_ED 07_WW or 08_ED 07_WW or 08_ED	03 or 04
of cladding of cladding II cladding	Other (Please describe >>) Bricks (heat cured) Bricks (air dried) Bricks (under fired) Bricks (concrete) Mortar and render  Profiled steel  Profiled aluminium  Profiled zinc  GRC cladding Timber weatherboards Fibre cement board Terracotta Brick tiles / veneers Plasterboard  Plywood  Other (Please describe >>) Aluminium frame Aluminium frame Aluminium frame Timber frame Timber frame Timber frame	Double glazed Triple glazed Single glazed Double glazed Triple glazed		404	"" "" "" "" "" "" "" "" "" "" "" "" ""	Enter as m² of roof area. Exclude allowances for overlap between the tiles.  Please enter a description for any roofing that does not fit a predefined classification  Enter as m² of wall area. Heat-cured bricks use a kiln or furnace to raise the brick temperature above ambient temperature during curing process.  Enter as m² of wall area. Air-dried bricks are cured using ambient temperature.  Enter as m² of wall area.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row includes all metal-coated and pre-painted steel sheets where steel is the base metal.  Examples include: galvanised steel, zinc-aluminium (zincalume) coated steel and zinc-aluminium-magnesium (ZAM) coated steel, whether painted or unpainted.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row also includes pre-painted aluminium sheets.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row also includes pre-painted zinc sheets.  Enter as m² of wall area. Exclude allowances for overlap between weatherboards, offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² o	05_RF 05_RF 06_EW 12_WF or 06_EW 12_WF or 06_EW 06_EW or 12_WF 07_WW or 08_ED	03 or 04
of cladding of cladding II cladding	Other (Please describe >>) Bricks (heat cured) Bricks (air dried) Bricks (under fired) Bricks (concrete) Mortar and render  Profiled steel  Profiled aluminium  Profiled zinc  GRC cladding Timber weatherboards Fibre cement board Terracotta Brick tiles / veneers Plasterboard  Plywood  Other (Please describe >>) Aluminium frame Aluminium frame Aluminium frame Timber frame Timber frame Timber frame	Double glazed Triple glazed Single glazed Double glazed		404	m² m	Enter as m² of roof area. Exclude allowances for overlap between the tiles.  Please enter a description for any roofing that does not fit a predefined classification  Enter as m² of wall area. Heat-cured bricks use a kiln or furnace to raise the brick temperature above ambient temperature during curing process.  Enter as m² of wall area. Air-dried bricks are cured using ambient temperature.  Enter as m² of wall area.  Enter as m² of wall area is exclude allowances for overlap in the cladding sheets, offcuts, etc. This row includes all metal-coated and pre-painted steel sheets where steel is the base metal.  Examples include: galvanised steel, zinc-aluminium (zincalume) coated steel and zinc-aluminium-magnesium (zAhh) coated steel, whether painted or unpainted.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row also includes pre-painted aluminium sheets.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row also includes pre-painted zinc sheets.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row also includes pre-painted zinc sheets.  Enter as m² of wall area. Exclude allowances for overlap between weatherboards, offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc. Include both external wall linings and internal wall linings for envelope walls.  Enter as m² of wall area. Exclude allowances for offcuts, etc. Include both external wall linings and internal wall linings for envelope walls.  Enter as m² of wall area. Exclude	05_RF 05_RF 06_EW 07_WW or 08_ED 07_WW or 08_ED 07_WW or 08_ED 07_WW or 08_ED	03 or 04
of cladding of cla	Other (Please describe >>) Bricks (heat cured) Bricks (air dried) Bricks (under fired) Bricks (concrete) Mortar and render  Profiled steel  Profiled aluminium  Profiled zinc  GRC cladding Timber weatherboards Fibre cement board Terracotta Brick tiles / veneers Plasterboard  Plywood  Other (Please describe >>) Aluminium frame Aluminium frame Aluminium frame Timber frame Timber frame Timber frame UPVC frame uPVC frame uPVC frame	Double glazed Triple glazed Single glazed Double glazed Triple glazed Single glazed Double glazed Double glazed Triple glazed		404	m² m	Enter as m² of roof area. Exclude allowances for overlap between the tiles.  Please enter a description for any roofing that does not fit a predefined classification  Enter as m² of wall area. Heat-cured bricks use a kiln or furnace to raise the brick temperature above ambient temperature during curing process.  Enter as m² of wall area. Air-dried bricks are cured using ambient temperature.  Enter as m² of wall area.  Enter as m² of wall area and pre-painted steel sheets where steel is the base metal.  Examples include: galvanised steel, zinc-aluminium (zincalume) coated steel and zinc-aluminium-magnesium (zAhh) coated steel, whether painted or unpainted.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row also includes pre-painted aluminium sheets.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row also includes pre-painted zinc sheets.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row also includes pre-painted zinc sheets.  Enter as m² of wall area. Exclude allowances for overlap between weatherboards, offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts,	05_RF 05_RF 06_EW 12_WF or 06_EW 12_WF or 06_EW 07_WW or 08_ED	03 or 04
of cladding of cla	Other (Please describe >>) Bricks (heat cured) Bricks (air dried) Bricks (under fired) Bricks (concrete) Mortar and render  Profiled steel  Profiled aluminium  Profiled zinc  GRC cladding Timber weatherboards Fibre cement board Terracotta Brick tiles / veneers Plasterboard  Plywood  Other (Please describe >>) Aluminium frame Aluminium frame Aluminium frame Timber frame Timber frame Timber frame UPVC frame UPVC frame UPVC frame Frameless	Double glazed Triple glazed Single glazed Double glazed Triple glazed Single glazed Single glazed Double glazed Triple glazed Single glazed Single glazed Single glazed		404	""  ""  ""  ""  ""  ""  ""  ""  ""  ""	Enter as m² of roof area. Exclude allowances for overlap between the tiles.  Please enter a description for any roofing that does not fit a predefined classification  Enter as m² of wall area. Heat-cured bricks use a kiln or furnace to raise the brick temperature above ambient temperature during curing process.  Enter as m² of wall area. Air-dried bricks are cured using ambient temperature.  Enter as m² of wall area.  Enter as m² of wall area.  Enter as m² of wall area.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row includes all metal-coated and pre-painted steel sheets where steel is the base metal.  Examples include: galvanised steel, zinc-aluminium (zincalume) coated steel and zinc-aluminium-magnesium (ZAM) coated steel, whether painted or unpainted.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row also includes pre-painted aluminium sheets.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row also includes pre-painted zinc sheets.  Enter as m² of wall area. Exclude allowances for overlap between weatherboards, offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Ent	05_RF 06_EW 07_WF or 06_EW 07_WW or 08_ED	03 or 04
of cladding Il cla	Other (Please describe >>) Bricks (heat cured) Bricks (air dried) Bricks (under fired) Bricks (concrete) Mortar and render  Profiled steel  Profiled aluminium  Profiled zinc  GRC cladding Timber weatherboards Fibre cement board Terracotta Brick tiles / veneers Plasterboard  Plywood  Other (Please describe >>) Aluminium frame Aluminium frame Aluminium frame Timber frame Timber frame Timber frame UPVC frame uPVC frame uPVC frame	Double glazed Triple glazed Single glazed Double glazed Triple glazed Single glazed Double glazed Double glazed Triple glazed		404	""  ""  ""  ""  ""  ""  ""  ""  ""  ""	Enter as m² of roof area. Exclude allowances for overlap between the tiles.  Please enter a description for any roofing that does not fit a predefined classification  Enter as m² of wall area. Heat-cured bricks use a kiln or furnace to raise the brick temperature above ambient temperature during curing process.  Enter as m² of wall area. Air-dried bricks are cured using ambient temperature.  Enter as m² of wall area.  Enter as m² of wall area and pre-painted steel sheets where steel is the base metal.  Examples include: galvanised steel, zinc-aluminium (zincalume) coated steel and zinc-aluminium-magnesium (zAhh) coated steel, whether painted or unpainted.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row also includes pre-painted aluminium sheets.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row also includes pre-painted zinc sheets.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row also includes pre-painted zinc sheets.  Enter as m² of wall area. Exclude allowances for overlap between weatherboards, offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts,	05_RF 05_RF 06_EW 12_WF or 06_EW 12_WF or 06_EW 07_WW or 08_ED	03 or 04
of cladding of cladding II cla	Other (Please describe >>) Bricks (heat cured) Bricks (air dried) Bricks (under fired) Bricks (concrete) Mortar and render  Profiled steel  Profiled aluminium  Profiled zinc  GRC cladding Timber weatherboards Fibre cement board Terracotta Brick tiles / veneers Plasterboard  Plywood Other (Please describe >>) Aluminium frame Aluminium frame Timber frame Timber frame UPVC frame UPVC frame UPVC frame Frameless Frameless	Double glazed Triple glazed Single glazed Double glazed Triple glazed Single glazed Double glazed Triple glazed Triple glazed Triple glazed Double glazed Double glazed Double glazed		404	""  ""  ""  ""  ""  ""  ""  ""  ""  ""	Enter as m² of roof area. Exclude allowances for overlap between the tiles.  Please enter a description for any roofing that does not fit a predefined classification  Enter as m² of wall area. Heat-cured bricks use a kiln or furnace to raise the brick temperature above ambient temperature during curing process.  Enter as m² of wall area. Air-dried bricks are cured using ambient temperature.  Enter as m² of wall area.  Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row includes all metal-coated and pre-painted steel sheets where steel is the base metal.  Examples include: galvanised steel, zinc-aluminium (zincalume) coated steel and zinc-aluminium-magnesium (zAhl) coated steel, whether painted or unpainted.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row also includes pre-painted aluminium sheets.  Enter as m² of wall area.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row also includes pre-painted zinc sheets.  Enter as m² of wall area. Exclude allowances for overlap between weatherboards, offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Ente	05_RF 06_EW	03 or 04
of cladding of cla	Other (Please describe >>) Bricks (heat cured) Bricks (air dried) Bricks (concrete) Bricks (concrete) Mortar and render  Profiled steel  Profiled aluminium  Profiled zinc  GRC cladding Timber weatherboards Fibre cement board Terracotta Brick tiles / veneers Plasterboard  Plywood  Other (Please describe >>) Aluminium frame Aluminium frame Aluminium frame Timber frame Timber frame Timber frame UPVC frame UPVC frame UPVC frame Frameless Frameless Frameless Frameless Frameless Frameless Frameless	Double glazed Triple glazed Single glazed Double glazed Triple glazed Single glazed Double glazed Triple glazed Triple glazed Triple glazed Double glazed Double glazed Double glazed		404	""  ""  ""  ""  ""  ""  ""  ""  ""  ""	Enter as m² of roof area. Exclude allowances for overlap between the tiles.  Please enter a description for any roofing that does not fit a predefined classification  Enter as m² of wall area. Heat-cured bricks use a kiln or furnace to raise the brick temperature above ambient temperature during curing process.  Enter as m² of wall area. Air-dried bricks are cured using ambient temperature.  Enter as m² of wall area.  Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row includes all metal-coated and pre-painted steel sheets where steel is the base metal.  Examples include: galvanised steel, zinc-aluminium (zincalume) coated steel and zinc-aluminium-magnesium (zAhh) coated steel, whether painted or unpainted.  Enter as m² of wall area.  Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row also includes pre-painted zinc sheets.  Enter as m² of wall area.  Exclude allowances for overlap between weatherboards, offcuts, etc.  Enter as m² of wall area.  Exclude allowances for offcuts, etc.  Enter as m² of wall area.  Exclude allowances for offcuts, etc.  Enter as m² of wall area.  Exclude allowances for offcuts, etc.  Enter as m² of wall area.  Exclude allowances for offcuts, etc.  Enter as m² of wall area.  Exclude allowances for offcuts, etc.  Enter as m² of wall area.  Exclude allowances for offcuts, etc.  Include both external wall linings and internal wall linings for envelope walls.  Enter as m² of wall area.  Exclude allowances for offcuts, etc.  Include both external wall linings and internal wall linings for envelope walls.  Enter as m	05_RF 05_RF 06_EW	03 or 04
of cladding of cla	Other (Please describe >>) Bricks (heat cured) Bricks (air dried) Bricks (under fired) Bricks (concrete) Mortar and render  Profiled steel  Profiled aluminium  Profiled zinc  GRC cladding Timber weatherboards Fibre cement board Terracotta Brick tiles / veneers Plasterboard  Plywood  Other (Please describe >>) Aluminium frame Aluminium frame Timber frame Timber frame UPVC frame uPVC frame uPVC frame uPVC frame Frameless Frameless Frameless Frameless Other (Please describe >>) Single skin façade	Double glazed Triple glazed Single glazed Double glazed Triple glazed Single glazed Single glazed Double glazed Triple glazed Single glazed Double glazed Triple glazed Triple glazed Glazed Glazed panel			""  ""  ""  ""  ""  ""  ""  ""  ""  ""	Enter as m² of roof area. Exclude allowances for overlap between the tiles.  Please enter a description for any roofing that does not fit a predefined classification  Enter as m² of wall area. Heat-cured bricks use a kiln or furnace to raise the brick temperature above ambient temperature during curing process.  Enter as m² of wall area. Air-dried bricks are cured using ambient temperature.  Enter as m² of wall area.  Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row includes all metal-coated and pre-painted steel sheets where steel is the base metal.  Examples include: galvanised steel, zinc-aluminium (zincalume) coated steel and zinc-aluminium-magnesium (ZAM) coated steel, whether painted or unpainted.  Exter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row also includes pre-painted aluminium sheets.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row also includes pre-painted aluminium sheets.  Enter as m² of wall area. Exclude allowances for overlap between weatherboards, offcuts, etc.  Enter as m² of wall area. Exclude allowances for overlap between weatherboards, offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc. Include both external wall linings and internal wall linings for envelope walls.  Please enter a description for any wall cladding that does not fit a predefined classification include all single glazing, including standard, toughened, laminated and low-E include all double glazing, including standard, toughened, laminated and low-E include all single glazing, including standard, toughened, laminated and low-E i	05_RF 06_EW 07_WW 07_08_ED 07_WW 07_WW 07_WB ED	03 or 04
of cladding of cladding II cla	Other (Please describe >>) Bricks (heat cured) Bricks (air dried) Bricks (concrete) Bricks (concrete) Mortar and render Profiled steel  Profiled aluminium Profiled zinc GRC cladding Timber weatherboards Fibre cement board Terracotta Brick tiles / veneers Plasterboard Plywood Other (Please describe >>) Aluminium frame Aluminium frame Aluminium frame Timber frame Timber frame Timber frame UPVC frame uPVC frame uPVC frame uPVC frame Frameless Frameless Frameless Frameless Frameless Other (Please describe >>)	Double glazed Triple glazed Single glazed Double glazed Triple glazed Single glazed Single glazed Triple glazed Triple glazed Triple glazed Triple glazed Triple glazed Double glazed Triple glazed	Single glazed Double glazed Triple glazed		""  ""  ""  ""  ""  ""  ""  ""  ""  ""	Enter as m² of roof area. Exclude allowances for overlap between the tiles.  Please enter a description for any roofing that does not fit a predefined classification  Enter as m² of wall area. Heat-cured bricks use a kiln or furnace to raise the brick temperature above ambient temperature during curing process.  Enter as m² of wall area. Air-dried bricks are cured using ambient temperature.  Enter as m² of wall area.  Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row includes all metal-coated and pre-painted steel sheets where steel is the base metal.  Examples include: galvanised steel, zinc-aluminium (zincalume) coated steel and zinc-aluminium-magnesium (zAhh) coated steel, whether painted or unpainted.  Enter as m² of wall area.  Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row also includes pre-painted zinc sheets.  Enter as m² of wall area.  Exclude allowances for overlap between weatherboards, offcuts, etc.  Enter as m² of wall area.  Exclude allowances for offcuts, etc.  Enter as m² of wall area.  Exclude allowances for offcuts, etc.  Enter as m² of wall area.  Exclude allowances for offcuts, etc.  Enter as m² of wall area.  Exclude allowances for offcuts, etc.  Enter as m² of wall area.  Exclude allowances for offcuts, etc.  Enter as m² of wall area.  Exclude allowances for offcuts, etc.  Include both external wall linings and internal wall linings for envelope walls.  Enter as m² of wall area.  Exclude allowances for offcuts, etc.  Include both external wall linings and internal wall linings for envelope walls.  Enter as m	05_RF 06_EW 06_ED 07_WW or 08_ED	03 or 04
of cladding of cla	Other (Please describe >>) Bricks (heat cured) Bricks (air dried) Bricks (under fired) Bricks (concrete) Mortar and render  Profiled steel  Profiled aluminium  Profiled zinc  GRC cladding Timber weatherboards Fibre cement board Terracotta Brick tiles / veneers Plasterboard  Plywood  Other (Please describe >>) Aluminium frame Aluminium frame Aluminium frame Timber frame Timber frame UPVC frame uPVC frame uPVC frame uPVC frames Frameless Frameless Frameless Other (Please describe >>) Single skin façade Single skin façade Single skin façade Single skin façade	Double glazed Triple glazed Single glazed Double glazed Triple glazed Triple glazed Single glazed Double glazed Triple glazed Single glazed Double glazed Triple glazed Glazed panel Glazed panel Glazed panel Opaque panel	Double glazed Triple glazed Aluminium cladding		""  ""  ""  ""  ""  ""  ""  ""  ""  ""	Enter as m² of roof area. Exclude allowances for overlap between the tiles.  Please enter a description for any roofing that does not fit a predefined classification  Enter as m² of wall area. Heat-cured bricks use a kiln or furnace to raise the brick temperature above ambient temperature during curing process.  Enter as m² of wall area. Air-dried bricks are cured using ambient temperature.  Enter as m² of wall area.  Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row class include: galvanised steel, zinc-alluminium (zincallume) coated steel and zinc-alluminium-magnesium (zAhl) coated steel, whether painted or unpainted.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row also includes pre-painted aluminium sheets.  Enter as m² of wall area.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row also includes pre-painted zinc sheets.  Enter as m² of wall area.  Exclude allowances for offcuts, etc.  Enter as m² of wall area.  Exclude allowances for offcuts, etc.  Enter as m² of wall area.  Exclude allowances for offcuts, etc.  Enter as m² of wall area.  Exclude allowances for offcuts, etc.  Enter as m² of wall area.  Exclude allowances for offcuts, etc.  Enter as m² of wall area.  Exclude allowances for offcuts, etc.  Enter as m² of wall area.  Exclude allowances for offcuts, etc.  Include all single glazing, including standard, toughened, laminated and low-E include all single glazing, including standard, toughened, laminated and low-E include all double glazing, including standard, toughened, laminated and low-E include all single glazing, including standard, toughened, laminated and low-E i	05_RF 05_RF 06_EW 12_WF or 06_EW 12_WF or 06_EW 12_WF or 08_ED 07_WW or 08_ED	03 or 04
of cladding of cla	Other (Please describe >>) Bricks (heat cured) Bricks (air dried) Bricks (under fired) Bricks (concrete) Mortar and render  Profiled steel  Profiled aluminium  Profiled zinc  GRC cladding Timber weatherboards Fibre cement board Terracotta Brick tiles / veneers Plasterboard  Plywood  Other (Please describe >>) Aluminium frame Aluminium frame Timber frame Timber frame UPVC frame uPVC frame uPVC frame uPVC frame Frameless Frameless Frameless Frameless Frameless Frameless Frameless Other (Please describe >>) Single skin façade Single skin façade Single skin façade Single skin façade	Double glazed Triple glazed Single glazed Double glazed Triple glazed Single glazed Single glazed Double glazed Triple glazed Single glazed Double glazed Triple glazed Triple glazed Glazed panel Glazed panel Glazed panel Opaque panel Opaque panel	Double glazed Triple glazed Aluminium cladding GRC cladding		""  ""  ""  ""  ""  ""  ""  ""  ""  ""	Enter as m² of roof area. Exclude allowances for overlap between the tiles.  Please enter a description for any roofing that does not fit a predefined classification  Enter as m² of wall area. Heat-cured bricks use a kiln or furnace to raise the brick temperature above ambient temperature during curing process.  Enter as m² of wall area. Air-dried bricks are cured using ambient temperature.  Enter as m² of wall area.  Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row includes all metal-coated and pre-painted steel sheets where steel is the base metal.  Examples include: galvanised steel, zinc-aluminium (zincalume) coated steel and zinc-aluminium-magnesium (ZAM) coated steel, whether painted or unpainted.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row also includes pre-painted aluminium sheets.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row also includes pre-painted zinc sheets.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row also includes pre-painted zinc sheets.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.	05_RF 06_EW 07_WW or 08_ED	03 or 04
of cladding of cla	Other (Please describe >>) Bricks (heat cured) Bricks (air dried) Bricks (under fired) Bricks (concrete) Mortar and render  Profiled steel  Profiled aluminium  Profiled zinc  GRC cladding Timber weatherboards Fibre cement board Terracotta Brick tiles / veneers Plasterboard  Plywood  Other (Please describe >>) Aluminium frame Aluminium frame Aluminium frame Timber frame Timber frame UPVC frame uPVC frame uPVC frame uPVC frames Frameless Frameless Frameless Other (Please describe >>) Single skin façade Single skin façade Single skin façade Single skin façade	Double glazed Triple glazed Single glazed Double glazed Triple glazed Triple glazed Single glazed Double glazed Triple glazed Single glazed Double glazed Triple glazed Glazed panel Glazed panel Glazed panel Opaque panel	Double glazed Triple glazed Aluminium cladding		""  ""  ""  ""  ""  ""  ""  ""  ""  ""	Enter as m² of roof area. Exclude allowances for overlap between the tiles.  Please enter a description for any roofing that does not fit a predefined classification  Enter as m² of wall area. Heat-cured bricks use a kiln or furnace to raise the brick temperature above ambient temperature during curing process.  Enter as m² of wall area. Air-dried bricks are cured using ambient temperature.  Enter as m² of wall area.  Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row class include: galvanised steel, zinc-alluminium (zincallume) coated steel and zinc-alluminium-magnesium (zAhl) coated steel, whether painted or unpainted.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row also includes pre-painted aluminium sheets.  Enter as m² of wall area.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row also includes pre-painted zinc sheets.  Enter as m² of wall area.  Exclude allowances for offcuts, etc.  Enter as m² of wall area.  Exclude allowances for offcuts, etc.  Enter as m² of wall area.  Exclude allowances for offcuts, etc.  Enter as m² of wall area.  Exclude allowances for offcuts, etc.  Enter as m² of wall area.  Exclude allowances for offcuts, etc.  Enter as m² of wall area.  Exclude allowances for offcuts, etc.  Enter as m² of wall area.  Exclude allowances for offcuts, etc.  Include all single glazing, including standard, toughened, laminated and low-E include all single glazing, including standard, toughened, laminated and low-E include all double glazing, including standard, toughened, laminated and low-E include all single glazing, including standard, toughened, laminated and low-E i	05_RF 05_RF 06_EW 12_WF or 06_EW 12_WF or 06_EW 12_WF or 08_ED 07_WW or 08_ED	03 or 04
of cladding of cla	Other (Please describe >>) Bricks (heat cured) Bricks (air dried) Bricks (concrete) Bricks (concrete) Mortar and render Profiled steel  Profiled aluminium Profiled zinc GRC cladding Timber weatherboards Fibre cement board Terracotta Brick tiles / veneers Plasterboard Plywood Other (Please describe >>) Aluminium frame Aluminium frame Timber frame Timber frame Timber frame UPVC frame uPVC frame uPVC frame Frameless Frameless Frameless Frameless Frameless Frameless Frameless Single skin façade	Double glazed Triple glazed Single glazed Double glazed Triple glazed Single glazed Single glazed Double glazed Triple glazed Single glazed Double glazed Triple glazed Single glazed Glazed panel Glazed panel Glazed panel Opaque panel Opaque panel Opaque panel	Double glazed Triple glazed Aluminium cladding GRC cladding Insulated shadow box		""  ""  ""  ""  ""  ""  ""  ""  ""  ""	Enter as m² of roof area. Exclude allowances for overlap between the tiles.  Please enter a description for any roofing that does not fit a predefined classification  Enter as m² of wall area. Heat-cured bricks use a kiln or furnace to raise the brick temperature above ambient temperature during curing process.  Enter as m² of wall area. Air-dried bricks are cured using ambient temperature.  Enter as m² of wall area.  Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row includes all metal-coated and pre-painted steel sheets where steel is the base metal.  Examples include: galvanised steel, zinc-aluminium (zincalume) coated steel and zinc-aluminium-magnesium (ZAM) coated steel, whether painted or unpainted.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row also includes pre-painted aluminium sheets.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row also includes pre-painted zinc sheets.  Enter as m² of wall area. Exclude allowances for overlap between weatherboards, offcuts, etc.  Enter as m² of wall area. Exclude allowances for overlap between weatherboards, offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc. Include both external wall linings and internal wall linings for envelope walls.  Please enter a description for any wall cladding that does not fit a predefined classification include all double glazing, including standard, toughened, laminated and low-E include all double glazing, including standard, toughened, laminated and low-E include all single glazing, including standard, toughened, laminated and low-E includ	05_RF 05_RF 06_EW 07_WW or 08_ED	03 or 04
of cladding of cla	Other (Please describe >>) Bricks (heat cured) Bricks (air dried) Bricks (concrete) Bricks (concrete) Mortar and render  Profiled steel  Profiled steel  Profiled zinc GRC cladding Timber weatherboards Fibre cement board Terracotta Brick tiles / veneers Plasterboard  Plywood Other (Please describe >>) Aluminium frame Aluminium frame Aluminium frame Timber frame Timber frame UPVC frame uPVC frame uPVC frame uPVC frame suPVC frame uPVC frame uPVC frame suPVC fr	Double glazed Triple glazed Double glazed Double glazed Triple glazed Triple glazed Triple glazed Double glazed Triple glazed Double glazed Triple glazed Single glazed Double glazed Triple glazed Glazed panel Glazed panel Glazed panel Opaque panel Opaque panel Opaque panel Opaque panel	Double glazed Triple glazed Aluminium cladding GRC cladding Insulated shadow box Brick cladding		""  ""  ""  ""  ""  ""  ""  ""  ""  ""	Enter as m² of roof area. Exclude allowances for overlap between the tiles.  Please enter a description for any roofing that does not fit a predefined classification  Enter as m² of wall area. Heat-cured bricks use a kiln or furnace to raise the brick temperature above ambient temperature during curing process.  Enter as m² of wall area. Air-dried bricks are cured using ambient temperature.  Enter as m² of wall area.  Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row class include: galvanised steel, zinc-alluminium (zincallume) coated steel and zinc-alluminium-magnesium (zAhl) coated steel, whether painted or unpainted.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row also includes pre-painted aluminium sheets.  Enter as m² of wall area.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row also includes pre-painted zinc sheets.  Enter as m² of wall area.  Exclude allowances for offcuts, etc.  Enter as m² of wall area.  Exclude allowances for offcuts, etc.  Enter as m² of wall area.  Exclude allowances for offcuts, etc.  Enter as m² of wall area.  Exclude allowances for offcuts, etc.  Enter as m² of wall area.  Exclude allowances for offcuts, etc.  Enter as m² of wall area.  Exclude allowances for offcuts, etc.  Enter as m² of wall area.  Exclude allowances for offcuts, etc.  Include all single glazing, including standard, toughened, laminated and low-E include all single glazing, including standard, toughened, laminated and low-E include all double glazing, including standard, toughened, laminated and low-E include all single glazing, including standard, toughened, laminated and low-E i	05_RF 06_EW	03 or 04
of cladding of cla	Other (Please describe >>) Bricks (heat cured) Bricks (air dried) Bricks (concrete) Bricks (concrete) Mortar and render Profiled steel  Profiled steel  Profiled aluminium Profiled zinc GRC cladding Timber weatherboards Fibre cement board Terracotta Brick tiles / veneers Plasterboard Plywood Other (Please describe >>) Aluminium frame Aluminium frame Aluminium frame Timber frame Timber frame Timber frame Timber frame UPVC frame uPVC frame uPVC frame uPVC frame (Please describe >>) Single skin façade	Double glazed Triple glazed Single glazed Double glazed Triple glazed Triple glazed Single glazed Double glazed Triple glazed Double glazed Triple glazed Double glazed Triple glazed Glazed panel Glazed panel Glazed panel Opaque panel	Double glazed Triple glazed Aluminium cladding GRC cladding Insulated shadow box Brick cladding Stone cladding Stone cladding		""  ""  ""  ""  ""  ""  ""  ""  ""  ""	Enter as m² of roof area. Exclude allowances for overlap between the tiles.  Please enter a description for any roofing that does not fit a predefined classification  Enter as m² of wall area. Heat-cured bricks use a kiln or furnace to raise the brick temperature above ambient temperature during curing process.  Enter as m² of wall area. Air-dried bricks are cured using ambient temperature.  Enter as m² of wall area.  Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row includes all metal-coated and pre-painted steel sheets where steel is the base metal.  Examples include: galvanised steel, zinc-aluminium (zincalume) coated steel and zinc-aluminium-magnesium (ZAM) coated steel, whether painted or unpainted.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row also includes pre-painted aluminium sheets.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row also includes pre-painted zinc sheets.  Enter as m² of wall area. Exclude allowances for overlap to the cladding sheets, offcuts, etc. This row also includes pre-painted zinc sheets.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcu	05_RF 06_EW	03 or 04
of cladding of cla	Other (Please describe >>) Bricks (heat cured) Bricks (air dried) Bricks (concrete) Bricks (concrete) Mortar and render Profiled steel  Profiled steel  Profiled aluminium Profiled zinc GRC cladding Timber weatherboards Fibre cement board Terracotta Brick tiles / veneers Plasterboard  Plywood Other (Please describe >>) Aluminium frame Aluminium frame Aluminium frame Timber frame UPVC frame UPVC frame UPVC frame UPVC frame Serameless Frameless Frameless Frameless Frameless Frameless Frameless Single skin façade	Double glazed Triple glazed Single glazed Double glazed Single glazed Single glazed Single glazed Single glazed Double glazed Triple glazed Single glazed Double glazed Triple glazed Single glazed Double glazed Glazed panel Glazed panel Glazed panel Opaque panel	Double glazed Triple glazed Aluminium cladding GRC cladding Insulated shadow box Brick cladding Stone cladding		""  ""  ""  ""  ""  ""  ""  ""  ""  ""	Enter as m² of roof area. Exclude allowances for overlap between the tiles.  Please enter a description for any roofing that does not fit a predefined classification  Enter as m² of wall area. Heat-cured bricks use a kiln or furnace to raise the brick temperature above ambient temperature during curing process.  Enter as m² of wall area. Air-dried bricks are cured using ambient temperature.  Enter as m² of wall area.  Enter as m² of wall area.  Enter as m² of wall area.  Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row includes all metal-coated and pre-painted steel sheets where steel is the base metal.  Examples include: galvanised steel, zinc-aluminium (zincalume) coated steel and zinc-aluminium-angnesium (2AM) coated steel, whether painted or unpainted.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row also includes pre-painted aluminium sheets.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row also includes pre-painted zinc sheets.  Enter as m² of wall area. Exclude allowances for overlap between weatherboards, offcuts, etc.  Enter as m² of wall area. Exclude allowances for overlap between weatherboards, offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc. Include both external wall linings and internal wall linings for envelope walls.  Please enter a description for any wall cladding that does not fit a predefined classification include all single glazing, including standard, toughened, laminated and low-E include all single glazing, including standard, toughened, laminated and low-E include all single glazing, including standard,	05_RF 06_EW	03 or 04
of cladding of cla	Other (Please describe >>) Bricks (heat cured) Bricks (air dried) Bricks (concrete) Bricks (concrete) Mortar and render Profiled steel  Profiled steel  Profiled aluminium Profiled zinc GRC cladding Timber weatherboards Fibre cement board Terracotta Brick tiles / veneers Plasterboard  Plywood Other (Please describe >>) Aluminium frame Aluminium frame Aluminium frame Timber frame UPVC frame UPVC frame UPVC frame UPVC frame Srameless Frameless Frameless Frameless Frameless Frameless Single skin façade	Double glazed Triple glazed Single glazed Double glazed Single glazed Single glazed Single glazed Single glazed Double glazed Triple glazed Single glazed Triple glazed Single glazed Double glazed Triple glazed Glazed panel Glazed panel Glazed panel Opaque panel Glazed panel Glazed panel	Double glazed Triple glazed Aluminium cladding GRC cladding Insulated shadow box Brick cladding Stone cladding Single glazed Double glazed		""  ""  ""  ""  ""  ""  ""  ""  ""  ""	Enter as m² of roof area. Exclude allowances for overlap between the tiles.  Please enter a description for any roofing that does not fit a predefined classification  Enter as m² of wall area. Heat-cured bricks use a kiln or furnace to raise the brick temperature above ambient temperature during curing process.  Enter as m² of wall area. Air-dried bricks are cured using ambient temperature.  Enter as m² of wall area.  Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row includes all metal-coated and pre-painted steel sheets where steel is the base metal.  Examples include: galvanised steel, zinc-aluminium (zincalume) coated steel and zinc-aluminium-magnesium (ZAM) coated steel, whether painted or unpainted.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row also includes pre-painted aluminium sheets.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row also includes pre-painted zinc sheets.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row also includes pre-painted zinc sheets.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc. Include both external wall linings and internal wall linings for envelope walls.  Enter as m² of wall area. Exclude allowances for offcuts, etc. Include both external wall inings and internal wall inings for envelope walls.  Enter as m² of wall ar	05_RF 06_EW	03 or 04
of cladding of cla	Other (Please describe >>) Bricks (heat cured) Bricks (air dried) Bricks (concrete) Bricks (concrete) Mortar and render Profiled steel  Profiled steel  Profiled aluminium Profiled zinc GRC cladding Timber weatherboards Fibre cement board Terracotta Brick tiles / veneers Plasterboard Plywood Other (Please describe >>) Aluminium frame Aluminium frame Aluminium frame Timber frame Timber frame Timber frame Timber frame UPVC frame uPVC frame uPVC frame uPVC frame single skin façade Double skin façade Double skin façade Double skin façade Double skin façade	Double glazed Triple glazed Single glazed Double glazed Triple glazed Triple glazed Single glazed Double glazed Triple glazed Single glazed Double glazed Triple glazed Triple glazed Glazed panel Glazed panel Glazed panel Opaque panel Glazed panel Opaque panel Opaque panel Opaque panel Opaque panel Opaque panel	Double glazed Triple glazed Aluminium cladding GRC cladding Insulated shadow box Brick cladding Stone cladding Stone cladding Single glazed Double glazed Triple glazed Aluminium cladding GRC cladding		""  ""  ""  ""  ""  ""  ""  ""  ""  ""	Enter as m² of roof area. Exclude allowances for overlap between the tiles.  Please enter a description for any roofing that does not fit a predefined classification  Enter as m² of wall area. Heat-cured bricks use a kiln or furnace to raise the brick temperature above ambient temperature during curing process.  Enter as m² of wall area. Air-dried bricks are cured using ambient temperature.  Enter as m² of wall area.  Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row includes all metal-coated and pre-painted steel sheets where steel is the base metal.  Examples include: galvanised steel, zinc-aluminium (zincalume) coated steel and zinc-aluminium-magnesium (ZAM) coated steel, whether painted or unpainted.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row also includes pre-painted aluminium sheets.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row also includes pre-painted zinc sheets.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row also includes pre-painted zinc sheets.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc. Include both external wall linings and internal wall linings for envelope walls.  Enter as m² of wall area. Exclude allowances for offcuts, etc. Include both external wall inings and internal wall inings for envelope walls.  Enter as m² of wall ar	05_RF 06_EW	03 or 04
of cladding of cla	Other (Please describe >>) Bricks (heat cured) Bricks (air dried) Bricks (concrete) Bricks (concrete) Mortar and render  Profiled steel  Profiled steel  Profiled aluminium Profiled zinc GRC cladding Timber weatherboards Fibre cement board Terracotta Bricks tiles / veneers Plasterboard  Plywood Other (Please describe >>) Aluminium frame Aluminium frame Aluminium frame Timber frame UPVC frame UPVC frame UPVC frame UPVC frame UPVC frame Srameless Frameless Frameless Frameless Frameless Gother (Please describe >>) Single skin façade Double skin façade	Double glazed Triple glazed Single glazed Double glazed Double glazed Triple glazed Triple glazed Single glazed Double glazed Triple glazed Single glazed Double glazed Triple glazed Triple glazed Glazed panel Glazed panel Glazed panel Opaque panel Opaque panel Opaque panel Opaque panel Glazed panel Opaque panel	Double glazed Triple glazed Aluminium cladding GRC cladding Insulated shadow box Brick cladding Stone cladding Stone cladding Single glazed Double glazed Triple glazed Aluminium cladding GRC cladding Insulated shadow box		""  ""  ""  ""  ""  ""  ""  ""  ""  ""	Enter as m² of roof area. Exclude allowances for overlap between the tiles.  Please enter a description for any roofing that does not fit a predefined classification  Enter as m² of wall area. Heat-cured bricks use a kin or furnace to raise the brick temperature above ambient temperature during curing process.  Enter as m² of wall area. Air-dried bricks are cured using ambient temperature.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row includes all metal-coated and pre-painted steel sheets where steel is the base metal.  Examples include: galvanised steel, zino-aluminium (zinoalume) coated steel and zino-aluminium-magnesium [ZAM] coated steel, whether painted or unpainted.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row also includes pre-painted aluminium sheets.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row also includes pre-painted zino sheets.  Enter as m² of wall area. Exclude allowances for overlap between weatherboards, offcuts, etc. Enter as m² of wall area. Exclude allowances for overlap between weatherboards, offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc. Include both external wall linings and internal wall linings for envelope walls.  Please enter a description for any wall cladding that does not fit a predefined classification include all single glazing, including standard, toughened, laminated and low-E include all single glazing, including standard, toughene	05_RF 06_EW	03 or 04
f cladding c	Other (Please describe >>) Bricks (heat cured) Bricks (air dried) Bricks (under fired) Bricks (concrete) Mortar and render  Profiled steel  Profiled steel  Profiled zinc  GRC cladding Timber weatherboards Fibre cement board Terracotta Brick tiles / veneers Plasterboard  Plywood  Other (Please describe >>) Aluminium frame Aluminium frame Aluminium frame Timber frame Timber frame UPVC frame uPVC frame uPVC frame uPVC frame single skin façade Double skin façade	Double glazed Triple glazed Double glazed Double glazed Triple glazed Triple glazed Triple glazed Double glazed Triple glazed Single glazed Double glazed Triple glazed Triple glazed Triple glazed Double glazed Triple glazed Double glazed Glazed panel Glazed panel Glazed panel Opaque panel Opaque panel Opaque panel Opaque panel Glazed panel Glazed panel Glazed panel Glazed panel Opaque panel	Double glazed Triple glazed Aluminium cladding GRC cladding Insulated shadow box Brick cladding Stone cladding Stone cladding Single glazed Double glazed Triple glazed Aluminium cladding GRC cladding Insulated shadow box Brick cladding		""  ""  ""  ""  ""  ""  ""  ""  ""  ""	Enter as m² of roof area. Exclude allowances for overlap between the tiles.  Please enter a description for any roofing that does not fit a predefined classification  Enter as m² of wall area. Heat-cured bricks use a kin or furnace to raise the brick temperature above ambient temperature during curing process.  Enter as m² of wall area. Air-dried bricks are cured using ambient temperature.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row includes all metal-coated and pre-painted steel sheets where steel is the base metal.  Examples include: galvanised steel, zino-aluminium (zinoalume) coated steel and zino-aluminium-magnesium [ZAM] coated steel, whether painted or unpainted.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row also includes pre-painted aluminium sheets.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row also includes pre-painted zino sheets.  Enter as m² of wall area. Exclude allowances for overlap between weatherboards, offcuts, etc. Enter as m² of wall area. Exclude allowances for overlap between weatherboards, offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc. Include both external wall linings and internal wall linings for envelope walls.  Please enter a description for any wall cladding that does not fit a predefined classification include all single glazing, including standard, toughened, laminated and low-E include all single glazing, including standard, toughene	05_RF 06_EW	03 or 04
cladding cla	Other (Please describe >>) Bricks (heat cured) Bricks (air dried) Bricks (concrete) Bricks (concrete) Mortar and render  Profiled steel  Profiled steel  Profiled aluminium Profiled zinc GRC cladding Timber weatherboards Fibre cement board Terracotta Bricks tiles / veneers Plasterboard  Plywood Other (Please describe >>) Aluminium frame Aluminium frame Aluminium frame Timber frame UPVC frame UPVC frame UPVC frame UPVC frame UPVC frame Srameless Frameless Frameless Frameless Frameless Gother (Please describe >>) Single skin façade Double skin façade	Double glazed Triple glazed Single glazed Double glazed Double glazed Triple glazed Triple glazed Single glazed Double glazed Triple glazed Single glazed Double glazed Triple glazed Triple glazed Glazed panel Glazed panel Glazed panel Opaque panel Opaque panel Opaque panel Opaque panel Glazed panel Opaque panel	Double glazed Triple glazed Aluminium cladding GRC cladding Insulated shadow box Brick cladding Stone cladding Stone cladding Single glazed Double glazed Triple glazed Aluminium cladding GRC cladding Insulated shadow box		"" "" "" "" "" "" "" "" "" "" "" "" ""	Enter as m² of roof area. Exclude allowances for overlap between the tiles.  Please enter a description for any roofing that does not fit a predefined classification  Enter as m² of wall area. Heat-cured bricks use a kin or furnace to raise the brick temperature above ambient temperature during curing process.  Enter as m² of wall area. Air-dried bricks are cured using ambient temperature.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row includes all metal-coated and pre-painted steel sheets where steel is the base metal.  Examples include: galvanised steel, zino-aluminium (zinoalume) coated steel and zino-aluminium-magnesium [ZAM] coated steel, whether painted or unpainted.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row also includes pre-painted aluminium sheets.  Enter as m² of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row also includes pre-painted zino sheets.  Enter as m² of wall area. Exclude allowances for overlap between weatherboards, offcuts, etc. Enter as m² of wall area. Exclude allowances for overlap between weatherboards, offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc.  Enter as m² of wall area. Exclude allowances for offcuts, etc. Include both external wall linings and internal wall linings for envelope walls.  Please enter a description for any wall cladding that does not fit a predefined classification include all single glazing, including standard, toughened, laminated and low-E include all single glazing, including standard, toughene	05_RF 06_EW	03 or 04
of cladding of cla	Other (Please describe >>) Bricks (heat cured) Bricks (air dried) Bricks (concrete) Bricks (concrete) Mortar and render  Profiled steel  Profiled steel  Profiled zinc GRC cladding Timber weatherboards Fibre cement board Terracotta Bricks (eoncrete) Aluminium frame Aluminium frame Aluminium frame Aluminium frame Timber frame UPVC frame UPVC frame UPVC frame UPVC frame Single skin façade Double skin façade	Double glazed Triple glazed Double glazed Double glazed Double glazed Triple glazed Triple glazed Double glazed Double glazed Double glazed Triple glazed Single glazed Double glazed Triple glazed Glazed panel Glazed panel Glazed panel Opaque panel Opaque panel Opaque panel Opaque panel Glazed panel Glazed panel Glazed panel Glazed panel Glazed panel Opaque panel	Double glazed Triple glazed Aluminium cladding GRC cladding Insulated shadow box Brick cladding Stone cladding Stone cladding Single glazed Double glazed Triple glazed Aluminium cladding GRC cladding Insulated shadow box Brick cladding Stone cladding Stone cladding Stone cladding Stone cladding		"" "" "" "" "" "" "" "" "" "" "" "" ""	Enter as m³ of roof area. Exclude allowances for overlap between the tiles.  Please enter a description for any roofing that does not fit a predefined classification  Enter as m³ of wall area. All-crided bricks use a kin or furnace to raise the brick temperature above ambient temperature during curing process.  Enter as m³ of wall area. All-drided bricks are cured using ambient temperature.  Enter as m³ of wall area.  Enter as m³ of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row includes all metal-coated and pre-painted steel sheets where steel is the base metal. Examples include: glavanised steel, zinc-aluminium (zincalume) coated steel and zinc-aluminium-magnesium (ZAM) coated steel, whether painted or unpainted.  Enter as m³ of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row also includes pre-painted aluminium sheets.  Enter as m³ of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row also includes pre-painted aluminium sheets.  Enter as m³ of wall area. Exclude allowances for overlap between weatherboards, offcuts, etc.  Enter as m³ of wall area. Exclude allowances for ofcuts, etc.  Enter as m³ of wall area. Exclude allowances for offcuts, etc.  Enter as m³ of wall area. Exclude allowances for offcuts, etc.  Enter as m³ of wall area. Exclude allowances for offcuts, etc.  Enter as m³ of wall area. Exclude allowances for offcuts, etc.  Enter as m³ of wall area. Exclude allowances for offcuts, etc. Include both external wall linings and internal wall linings for envelope walls.  Please enter a description for any wall cladding that does not fit a predefined classification include all single glazing, including standard, toughened, laminated and low-E include all single glazing, including standard, toughened, laminated and low-E include all single glazing, including standard, toughened, laminated and low-E include all single glazing, including standard, toughened, laminated and low-E include al	05_RF 06_EW	03 or 04
of cladding  Il cl	Other (Please describe >>) Bricks (heat cured) Bricks (air dried) Bricks (under fired) Bricks (concrete) Mortar and render  Profiled steel  Profiled steel  Profiled aluminium  Profiled zinc  GRC cladding Timber weatherboards Fibre cement board Terracotta Brick tiles / veneers Plasterboard  Plywood  Other (Please describe >>) Aluminium frame Aluminium frame Aluminium frame Timber frame UPVC frame uPVC frame uPVC frame uPVC frame single skin façade Double skin façade	Double glazed Triple glazed Single glazed Double glazed Double glazed Triple glazed Triple glazed Single glazed Double glazed Triple glazed Single glazed Double glazed Triple glazed Triple glazed Glazed panel Glazed panel Glazed panel Opaque panel Opaque panel Opaque panel Opaque panel Glazed panel Glazed panel Glazed panel Glazed panel Opaque panel	Double glazed Triple glazed Aluminium cladding GRC cladding Insulated shadow box Brick cladding Stone cladding Stone cladding Single glazed Double glazed Aluminium cladding GRC cladding Stone cladding		"" "" "" "" "" "" "" "" "" "" "" "" ""	Enter as m³ of roof area. Exclude allowances for overlap between the tiles.  Please enter a description for any roofing that does not fit a predefined classification  Enter as m³ of owal area. Head-cured bricks use a kin or furnace to raise the brick temperature above ambient temperature during curing process.  Enter as m³ of owal area. Ai-dried bricks are cured using ambient temperature.  Enter as m³ of owal area.  Enter	05_RF 06_EW	03 or 04
of cladding of cla	Other (Please describe >>) Bricks (heat cured) Bricks (air dried) Bricks (concrete) Bricks (concrete) Mortar and render  Profiled steel  Profiled steel  Profiled zinc GRC cladding Timber weatherboards Fibre cement board Terracotta Bricks (eoncrete) Aluminium frame Aluminium frame Aluminium frame Aluminium frame Timber frame UPVC frame UPVC frame UPVC frame UPVC frame Single skin façade Double skin façade	Double glazed Triple glazed Double glazed Double glazed Double glazed Triple glazed Triple glazed Double glazed Double glazed Double glazed Triple glazed Single glazed Double glazed Triple glazed Glazed panel Glazed panel Glazed panel Opaque panel Opaque panel Opaque panel Opaque panel Glazed panel Glazed panel Glazed panel Glazed panel Glazed panel Opaque panel	Double glazed Triple glazed Aluminium cladding GRC cladding Insulated shadow box Brick cladding Stone cladding Stone cladding Single glazed Double glazed Triple glazed Aluminium cladding GRC cladding Insulated shadow box Brick cladding Stone cladding Stone cladding Stone cladding Stone cladding		"" "" "" "" "" "" "" "" "" "" "" "" ""	Enter as m³ of roof area. Exclude allowances for overlap between the tiles.  Please enter a description for any roofing that does not fit a predefined classification  Enter as m³ of wall area. All-crided bricks use a kin or furnace to raise the brick temperature above ambient temperature during curing process.  Enter as m³ of wall area. All-drided bricks are cured using ambient temperature.  Enter as m³ of wall area.  Enter as m³ of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row includes all metal-coated and pre-painted steel sheets where steel is the base metal. Examples include: glavanised steel, zinc-aluminium (zincalume) coated steel and zinc-aluminium-magnesium (ZAM) coated steel, whether painted or unpainted.  Enter as m³ of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row also includes pre-painted aluminium sheets.  Enter as m³ of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row also includes pre-painted aluminium sheets.  Enter as m³ of wall area. Exclude allowances for overlap between weatherboards, offcuts, etc.  Enter as m³ of wall area. Exclude allowances for ofcuts, etc.  Enter as m³ of wall area. Exclude allowances for offcuts, etc.  Enter as m³ of wall area. Exclude allowances for offcuts, etc.  Enter as m³ of wall area. Exclude allowances for offcuts, etc.  Enter as m³ of wall area. Exclude allowances for offcuts, etc.  Enter as m³ of wall area. Exclude allowances for offcuts, etc. Include both external wall linings and internal wall linings for envelope walls.  Please enter a description for any wall cladding that does not fit a predefined classification include all single glazing, including standard, toughened, laminated and low-E include all single glazing, including standard, toughened, laminated and low-E include all single glazing, including standard, toughened, laminated and low-E include all single glazing, including standard, toughened, laminated and low-E include al	05_RF 06_EW	03 or 04
cladding cla	Other (Please describe >>) Bricks (heat cured) Bricks (air dried) Bricks (concrete) Bricks (concrete) Mortar and render  Profiled steel  Profiled steel  Profiled aluminium Profiled zinc GRC cladding Timber weatherboards Fibre cement board Terracotta Brick tiles / veneers Plasterboard  Plywood Other (Please describe >>) Aluminium frame Aluminium frame Timber frame Timber frame Timber frame UPVC frame UPVC frame UPVC frame UPVC frame UPVC frame Single skin façade Double skin façade	Double glazed Triple glazed Single glazed Double glazed Triple glazed Triple glazed Triple glazed Single glazed Double glazed Triple glazed Single glazed Double glazed Triple glazed Triple glazed Glazed panel Glazed panel Glazed panel Opaque panel Opaque panel Opaque panel Opaque panel Glazed panel Glazed panel Glazed panel Glazed panel Glazed panel Glazed panel Opaque panel	Double glazed Triple glazed Aluminium cladding GRC cladding Insulated shadow box Brick cladding Stone cladding Stone cladding Single glazed Double glazed Triple glazed Aluminium cladding GRC cladding Insulated shadow box Brick cladding Stone cladding Stone cladding Stone cladding Triple glazed Double glazed Triple glazed		"" "" "" "" "" "" "" "" "" "" "" "" ""	Enter as m³ of roof area. Exclude allowances for overlap between the tiles.  Please enter a description for any roofing that does not fit a predefined classification  Enter as m³ of owal area. Head-cured bricks use a kin or furnace to raise the brick temperature above ambient temperature during curing process.  Enter as m³ of owal area. Ai-dried bricks are cured using ambient temperature.  Enter as m³ of owal area.  Enter	05_RF 06_EW	03 or 04
I cladding	Bricks (heat cured) Bricks (air dried) Bricks (air dried) Bricks (concrete) Mortar and render  Profiled steel  Profiled aluminium Profiled zinc GRC cladding Timber weatherboards Fibre cement board Terracotta Brick tiles / veneers Plasterboard  Plywood Other (Please describe >>) Aluminium frame Aluminium frame Timber frame Timber frame Timber frame Timber frame UPVC frame	Double glazed Triple glazed Single glazed Double glazed Triple glazed Triple glazed Triple glazed Triple glazed Single glazed Double glazed Triple glazed Single glazed Double glazed Triple glazed Glazed panel Glazed panel Glazed panel Opaque panel Opaque panel Opaque panel Opaque panel Glazed panel Opaque panel	Double glazed Triple glazed Aluminium cladding GRC cladding Insulated shadow box Brick cladding Stone cladding Stone cladding Single glazed Double glazed Triple glazed Aluminium cladding GRC cladding Stone cladding The cladding Stone cladding The cladd		"" "" "" "" "" "" "" "" "" "" "" "" ""	Enter as m³ of roof area. Exclude allowances for overlap between the itles.  Please enter a description for any roofing that does not fit a predefined classification  Enter as m³ of wall area. Al-rided bricks are cured using ambient temperature above ambient temperature during curing process.  Enter as m³ of wall area. Al-rided bricks are cured using ambient temperature.  Enter as m³ of wall area.  Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row includes all metal-coated and pre-painted steel sheets where steel is the base metal.  Examples include: galvanised steel, zino-aluminum (zincalume) coated steel and zino-aluminum-magnesium (ZAM) coated steel, whether painted or unpainted.  Enter as m³ of wall area.  Enter as wall of wall ar	05_RF 06_EW	03 or 04
of cladding of cla	Bricks (heat cured) Bricks (air dried) Bricks (under fired) Bricks (concrete) Mortar and render  Profiled steel  Profiled aluminium  Profiled zinc  GRC cladding Timber weatherboards Fibre cement board Terracotta Brick tiles / veneers Plasterboard  Plywood  Other (Please describe >>) Aluminium frame Aluminium frame Timber frame Timber frame Timber frame Timber frame UPVC frame uPVC frame uPVC frame uPVC frame single skin façade Double skin façade	Double glazed Triple glazed Single glazed Double glazed Double glazed Triple glazed Single glazed Double glazed Triple glazed Single glazed Double glazed Triple glazed Single glazed Double glazed Triple glazed Glazed panel Glazed panel Glazed panel Opaque panel Opaque panel Opaque panel Opaque panel Glazed panel Opaque section	Double glazed Triple glazed Aluminium cladding GRC cladding Insulated shadow box Brick cladding Stone cladding Stone cladding Single glazed Double glazed Triple glazed Aluminium cladding GRC cladding Insulated shadow box Brick cladding Stone cladding Triple glazed Double glazed Triple glazed Aluminium cladding GRC cladding Insulated shadow box Brick cladding		"" "" "" "" "" "" "" "" "" "" "" "" ""	Enter as m³ of roof area. Exclude allowances for overlap between the itles.  Please enter a description for any roofing that does not fit a predefined classification  Enter as m³ of wall area. Al-rided bricks are cured using ambient temperature above ambient temperature during curing process.  Enter as m³ of wall area. Al-rided bricks are cured using ambient temperature.  Enter as m³ of wall area.  Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row includes all metal-coated and pre-painted steel sheets where steel is the base metal.  Examples include: galvanised steel, zino-aluminum (zincalume) coated steel and zino-aluminum-magnesium (ZAM) coated steel, whether painted or unpainted.  Enter as m³ of wall area.  Enter as wall of wall ar	05_RF 06_EW	03 or 04
of cladding of cladding all cla	Bricks (heat cured) Bricks (air dried) Bricks (air dried) Bricks (concrete) Mortar and render  Profiled steel  Profiled aluminium Profiled zinc GRC cladding Timber weatherboards Fibre cement board Terracotta Brick tiles / veneers Plasterboard  Plywood Other (Please describe >>) Aluminium frame Aluminium frame Timber frame Timber frame Timber frame Timber frame UPVC frame	Double glazed Triple glazed Single glazed Double glazed Triple glazed Triple glazed Triple glazed Triple glazed Single glazed Double glazed Triple glazed Single glazed Double glazed Triple glazed Glazed panel Glazed panel Glazed panel Opaque panel Opaque panel Opaque panel Opaque panel Glazed panel Opaque panel	Double glazed Triple glazed Aluminium cladding GRC cladding Insulated shadow box Brick cladding Stone cladding Stone cladding Single glazed Double glazed Triple glazed Aluminium cladding GRC cladding Stone cladding The cladding Stone cladding The cladd		"" "" "" "" "" "" "" "" "" "" "" "" ""	Enter as m³ of roof area. Exclude allowances for overlap between the itles.  Please enter a description for any roofing that does not fit a predefined classification  Enter as m³ of wall area. Al-rided bricks are cured using ambient temperature above ambient temperature during curing process.  Enter as m³ of wall area. Al-rided bricks are cured using ambient temperature.  Enter as m³ of wall area.  Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row includes all metal-coated and pre-painted steel sheets where steel is the base metal.  Examples include: galvanised steel, zino-aluminum (zincalume) coated steel and zino-aluminum-magnesium (ZAM) coated steel, whether painted or unpainted.  Enter as m³ of wall area.  Enter as wall of wall ar	05_RF 06_EW	03 or 04
of cladding of cladding all cla	Bricks (heat cured) Bricks (air dried) Bricks (air dried) Bricks (concrete) Bricks (concrete) Bricks (concrete) Mortar and render  Profiled steel  Profiled steel  Profiled aluminium Profiled zinc GRC cladding Timber weatherboards Fibre cement board Terracotta Brick tiles / veneers Plasterboard  Plywood Other (Please describe >>) Aluminium frame Aluminium frame Timber frame Timber frame Timber frame Timber frame UPVC frame uPVC frame uPVC frame uPVC frame uPVC frame single skin façade Double skin façade	Double glazed Triple glazed Single glazed Double glazed Double glazed Triple glazed Triple glazed Triple glazed Single glazed Double glazed Triple glazed Single glazed Single glazed Double glazed Triple glazed Glazed panel Glazed panel Glazed panel Opaque panel Opaque panel Opaque panel Opaque panel Opaque panel Opaque panel Glazed panel Opaque panel Glazed section Glazed section Opaque section Glazed section Glazed section Glazed section Glazed section Glazed section Glazed section	Double glazed Triple glazed Aluminium cladding GRC cladding Insulated shadow box Brick cladding Stone cladding Stone cladding Single glazed Double glazed Triple glazed Aluminium cladding GRC cladding Stone cladding Stone cladding The glazed Aluminium cladding GRC cladding Triple glazed Double glazed Triple glazed Aluminium cladding GRC cladding Insulated shadow box Brick cladding Insulated shadow box Brick cladding Stone cladding		"" "" "" "" "" "" "" "" "" "" "" "" ""	Enter as m² of roof area. Exclude allowances for overlap between the tiles.  Please enter a description for any roofing that does not fit a predefined classification  Enter as m³ of wall area. Heat-cured bricks use a kin or furnace to raise the brick temperature above ambient temperature during curing process.  Enter as m³ of wall area.  Exclude allowances for overlap in the cladding sheets, offcus, etc. This row includes all metal-coaled and my re-painted steel sheets where steel is the base motal.  Examples include: galvanied steel, zin-aluminium (zincalume) contect steel and zinc-aluminium-angenesium (ZAM) coated steel, whether painted or unpainted.  Enter as m³ of wall area. Exclude allowances for overlap in the cladding sheets, offcus, etc. This row also includes pre-painted aluminium sheets.  Enter as m³ of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row also includes pre-painted aluminium sheets.  Enter as m³ of wall area. Exclude allowances for overlap between weatherboards, offcuts, etc.  Enter as m³ of wall area. Exclude allowances for offcuts, etc.  Enter as m³ of wall area. Exclude allowances for offcuts, etc.  Enter as m³ of wall area. Exclude allowances for offcuts, etc.  Enter as m³ of wall area. Exclude allowances for offcuts, etc.  Enter as m³ of wall area. Exclude allowances for offcuts, etc.  Enter as m³ of wall area. Exclude allowances for offcuts, etc.  Enter as m³ of wall area. Exclude allowances for offcuts, etc.  Enter as m³ of wall area. Exclude allowances for offcuts, etc.  Enter as m³ of wall area. Exclude allowances for offcuts, etc. Include both external wall linings and internal wall linings for ornetope walls.  Please enter a description for any wall cladding that does not fit a predefined classification include all single glazing, including standard, toughened, laminated and low-E include all single glazing, including standard, toughened, laminated and low-E i	05_RF 06_EW	03 or 04  03 or 04
of cladding of cladding all cla	Other (Please describe >>) Bricks (heat cured) Bricks (air dried) Bricks (under fired) Bricks (concrete) Mortar and render  Profiled steel  Profiled steel  Profiled zinc  GRC cladding Timber weatherboards Fibre cement board Terracotta Bricks tiles / veneers Plasterboard  Plywood  Other (Please describe >>) Aluminium frame Aluminium frame Timber frame Timber frame Timber frame UPVC frame uPVC frame uPVC frame uPVC frame single skin façade Double skin façade	Double glazed Triple glazed Single glazed Double glazed Double glazed Triple glazed Triple glazed Single glazed Double glazed Triple glazed Single glazed Double glazed Triple glazed Single glazed Double glazed Triple glazed Glazed panel Glazed panel Glazed panel Opaque panel Opaque panel Opaque panel Opaque panel Opaque panel Glazed panel Opaque panel	Double glazed Triple glazed Aluminium cladding GRC cladding Insulated shadow box Brick cladding Stone cladding Stone cladding Single glazed Double glazed Triple glazed Aluminium cladding GRC cladding Stone cladding Stone cladding Stone cladding Stone cladding GRC cladding Insulated shadow box Brick cladding GRC cladding Stone cladding GRC cladding Insulated shadow box Brick cladding GRC cladding Insulated shadow box Brick cladding Stone cladding Stone cladding Stone cladding Stone cladding Stone cladding Stone cladding		"" "" "" "" "" "" "" "" "" "" "" "" ""	Enter as m² of roof area. Exclude allowances for overlap between the tiles.  Please enter a description for any roofing that does not fit a predefined classification  Enter as m³ of wall area. Heat-uncer bricks use a kin or furnace to raise the brick temperature above ambient temperature during curing process.  Enter as m³ of wall area.  Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row includes all metal-coated and pre-painted steel sheets where steel is the base metal.  Examples include: galvanised steel, zin-a-luminium (zincalume) coated steel and zinc-a-luminium-angenesium (ZAM) coated steel, where painted or unpainted.  Enter as m³ of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc. This row also includes pre-painted steel and wances for overlap in the cladding sheets, offcuts, etc. This row also includes pre-painted zinc sheets.  Enter as m³ of wall area. Exclude allowances for overlap in the cladding sheets, offcuts, etc.  Enter as m³ of wall area. Exclude allowances for overlap between weatherboards, offcuts, etc.  Enter as m³ of wall area. Exclude allowances for offcuts, etc.  Enter as m³ of wall area. Exclude allowances for offcuts, etc.  Enter as m³ of wall area. Exclude allowances for offcuts, etc.  Enter as m³ of wall area. Exclude allowances for offcuts, etc.  Enter as m³ of wall area. Exclude allowances for offcuts, etc.  Enter as m³ of wall area. Exclude allowances for offcuts, etc. include both external wall linings and internal wall linings for enrecipes walls.  Enter as m³ of wall area. Exclude allowances for offcuts, etc. include both external wall linings and internal wall linings for enrecipes wall.  Enter as m³ of wall area. Exclude allowances for offcuts, etc. include both external wall linings and internal wall linings for enrecipes wall.  Ple	05_RF 06_EW	03 or 04

Fill out blue cells

Comment	Complete all blue cells that are applicable	e to the building. <u>Leave items th</u>	at aren't applicable blank.		Fill out blue cells				
March   Marc	Material category	Sub-category 1	Sub-category 2	Sub-category 3	Value	Unit of measure	Comment	AIQS ACMM Code	ICMS3 (Level 3 Codes Construction
An amount   An a	Stick-framed wall system	Steel frame	Opaque section	Insulated shadow box		m²	•	06_EW	03 or 04
Table	Stick-framed wall system					m²		_	
Common			Opaque section	Stone cladding		m²	7	_	
Common part   Amount   Amoun			_		30		Please enter a description for any wall system that does not fit a predefined classification		
Common	External shading system		Aluminium cladding			m²	Please enter as m² of shaded area = linear metres * (width in mm / 1000)		
Command   Amount	External shading system	Aluminium frame	GRC cladding			m²		06_EW	03 or 04
Second			-			m²			
Section   March   Ma			-			m²			
Marche   M	External shading system		-	-		m²			
March   Marc	External shading system	Aluminium frame	Timber			m²	Please enter as m² of shaded area = linear metres * (width in mm / 1000)	06_EW	03 or 04
The content of the	External shading system			•		m²			
Table			Steel			m²			
Common			_		63	m² m²	, , , , , , , , , , , , , , , , , , , ,		
Marcar   M	Roller doors				- 03	m²			
Common	Roller doors	Softwood over steel		-		m²			
March   Marc	Revolving doors	Glass/aluminium/steel				no.		08_ED	03 or 04
Company   Comp	Fire-rated doors	-				no.			
March   Column   Co					5	no.			
The content of the co					664	no.			
The Part of the Pa	Insulation	-			004	m²	-		
Amount   A	Insulation					m²	•		
The Process of the control of the	Insulation	Expanded polystyrene				m²	Please include both wall and ceiling insulation	05_RF or 06_EW	03 or 04
The Proposed processing	Insulation	Other (Please describe >>)		-		m²	<b>-</b>	05_RF or 06_EW	03 or 04
The Product of the Control of C	,		-	-					
Part			-	-					
Mary   Compare   Mary	Carol (Floado describe and 800 unit >>)						Tribase enter a description for any envelope material that does not fit a predefined classification		
Mary   Compare   Mary	Permanent internal walls and o	doors							
Comparison   Com			to be permanent.						
Second Content						9/			
March or June 1988   1	Coverage of material spend on permanent in	nomai waiis and doors							
March   Marc	Interior wall (permanent)			-	0.3	t			
The control of the	Interior wall (permanent)	•	-	-		m <sup>3</sup>	People of outseleand agents described to the control of the contro		
Marca						m² m²			
Marcial planement   Monod					292	m²			
Transfer	Interior wall (permanent)	Plywood	-			m²			
Second   S	Interior wall (permanent)					m²			
Control   Cont	Interior wall (permanent)	Insulation		-	292	m²		09_NW or 12_WF	03 or 04
Marting   Mart	Interior wall (permanent)			-		m²			
This provides   Common provi	. ,		_			m² no			
Part	, ,					no.			
The content of the	Internal door (permanent)					no.			
Companies of the content of the co	Internal door (permanent)	Fire resistant			1	no.	Please enter as single-leaf equivalent. For double-leaf doors, multiply the quantity by 2.	11_ND	03 or 04
The Plane cented and and an analysis	Internal door (permanent)			_		no.	Please enter as single-leaf equivalent. For double-leaf doors, multiply the quantity by 2.	11_ND	03 or 04
Part	Internal door (permanent)	Other (Please describe >>)		-		no.		11_ND	03 or 04
Security	,		-						
Section   Comment   Comm	Other (Please describe and add unit >>)								
Manual proteins insighted plants in large plants in proteins in proteins an interval plants in proteins and in proteins and interval plants in proteins and interval plant	Sarvicas					Unit of measure			
Management   Man		in building contract. If the buildi	ng components that are th	e subject of the developme	nt application or the cons				
Modernate processes			not split services by type, p	please enter them all in the '	Other services" category	at the bottom.			
Electrical services	Mechanical services	irs.			34,100	AUD excl. GST	Where possible, enter material costs excluding labour, plant, equipment, margins and taxes	28_SS	05
Second presentation   Second presentation (and present presentation (and present pre	Vertical transportation					AUD excl. GST	Where possible, enter material costs excluding labour, plant, equipment, margins and taxes	28_SS	05
Where packeds are marked content of the speciment requirement re	Electrical con icon				254 600	ALID evel CCT		26 1 0	OF.
Manual purposed	Electrical services	•	•		354,600	AUD exci. GS1		20_LP	05
This persons	Solar photovoltaic installations					AUD excl. GST	Where possible, enter material costs excluding labour, plant, equipment, margins and taxes	26_LP_LPGP	05
Passe group of left her services (Please decode)   Passe group of left hard before (Please dec	Plumbing/hydraulic services					-			
External works	Fire services				72,400	AUD excl. GST		25_FPSS04 or 39 XWAW_03 or 41_XF	05
The material was not with was provided with hord was price, sprice, price, pr	Other services (Please describe)		-	•		AUD excl. GST		29_SS or multiple	
The material was not with was provided with hord was price, sprice, price, pr									
Required Coveringe of gender for esternal works (excluding soft landscapent) entered below.	External works								
Coverage of spand on esternal works					g should be excluded.				
Mayaha		, ,	,,			%	Required. Coverage of spend for external works (excluding soft landscaping) entered below.		
Coccordin   1-94   10 MPa		-	-	-	80	Į.	Minimum requirement = 80%. Exclude head contractor preliminaries and margins.		07
Passe enter enfolograged as part of Renforcing steel basin on the Renforcing steel as part of Renforcing steel as part of Renforcing steel basin on the Renforcing steel as part of Renforcing steel basin on the Renforcing steel as part of Renforcing steel basin on the Renforcing steel as part of Renforcing steel basin on the Renforcing steel as part of Renforcing steel basin on the Renforcing steel as part of Renforcing steel basin on the Renforcing steel as part of Renforcing steel basin on the Renforcing steel basin on the Renforcing steel as part of Renforcing steel basin on the Renforcing ste		<10 MPa				t m3	Places onter reinferring steel as part of "Deinferring steel" below		
Commitment   20 MP in the SSS MP   20 MP   Please enter reinforcing steef as part of "Reinforcing steef below   33, XR of 43, XN of 35, XR of 38, XL   07 Commitment   23 MP in the SSS MP   23 MP in the SSS MP   24 MP in the SSS MP in the SSS MP in the SSS MP   24 MP in the SSS MP in the SS	Concrete in-situ					m <sup>3</sup>			
Passe order reniforing steel apart of Reinforcing steel apart of Reinforcing steel banks	Concrete in-situ			-	443.0	m³			
Concrete in-stude control in-stude and blocks Concrete Control C	Concrete in-situ					m³			
Pamer, bricks and blocks   Clay   Pamer, bricks   Pamer, bricks   Clay   Pamer, bricks   P	Concrete in-situ					m³			
Parent, bricks and blocks  Clay  Renforcing steel  Bar & meeh  Sam A meeh  Sam	Concrete in-situ		-	•		m <sup>3</sup>	Please enter reinforcing steel as part of "Reinforcing steel" below		
Reinforcing steel   Bark mesh   San Reinforcing steel   San Reinforcing stee			•	-		m²		_	
Reinforcing steel			•	•		III.e	Include all reinforcing steel bar/mesh in the external works in this row. Usually this is		
Reinforing steel   Fibre & strand   Fi	Reinforcing steel	Bar & mesh	•	-	13,332	kg kg	calculated as kg/m³ per concrete element and then summed. Example: 10 m³ of 40 MPa concre	ete 33_XR or 34_XN or 35_XB or 36_XL	07
Structural steel	Reinforcing steel	Fibre & strand		-		kg		33_XR or 34_XN or 35_XB or 36_XL	07
External roof/wal cladding Polycarbonate	Structural steel			-		t		02_11	
External roof/wall cladding PVC	Structural aluminium					t		_	
External roof/wall cladding Bitumen sheet	External roof/wall cladding		-	•		m²		_	
External roof/wall cladding Seel profile	•		•			m²			
Fill	-					m² m²			
Sand & gravel	Fill			-		t			
Timber (engineered)         CLT         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -	Sand & gravel			-		t			07
Timber (engineered)         CLT         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -	Timber (solid)		-			m³			
Timber (engineered)         Glulam         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         - <td>Timber (solid)</td> <td></td> <td>•</td> <td>-</td> <td></td> <td>m<sup>3</sup></td> <td></td> <td></td> <td></td>	Timber (solid)		•	-		m <sup>3</sup>			
Timber (engineered)         LVL         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -				-		m <sub>3</sub>			
Timber (engineered)  OSB						m <sup>3</sup>			
Fabric (awning/sunshade)  Other (Please describe and add unit >>)	Timber (engineered)			-		m³			
Other (Please describe and add unit >>)  Please enter a description for any external works that does not fit a predefined classification	Fabric (awning/sunshade)		_			m²	_		07
	Other (Please describe and add unit >>)								
Prease enter a description for any exernal works that does not fit a predefined classification	,		-						
	ower (Frease describe and add unit >>)		_	•			r-rease errier a description for any external works that does not lit a predefined classification		

## **Step 3: Certifier details**

## Fill out blue cells

The material quantities must be determined through an itemised list of building materials (such as a bill of quantities) and certified by a quantity surveyor, designer, engineer or NABERS Assessor.

Person that completed this form	Value	Note
Name	ASELA ABAYARATNE	Required
Company	NAPIER & BLAKELEY	Required
ABN	87601474307	
Profession	ASSOCIATE	Required
Qualification or registration	MAIQS 18471	Required

Person that certified the details in this form	Value	Note
Name	PETER HAMMOND	Required
Company	NAPIER & BLAKELEY	Required
ABN	87601474307	
Profession	DIRECTOR	Required
Qualification or registration	AAIQS 9898	Required

Confirmation of certification	Value	Note
Are 80% of material costs captured for the building's structure, envelope and external works?	Yes	Required
If no - why not?		

# Additional comments from data provider

## Additional comments of certifier

Attach this Excel spreadsheet to your development application or construction certificate application.