

REV	DESCRIPTION	INTL	CHK	DATE
-	Amendment to roof	MA	YWL	07.11.22
A	Amendments according to planners comments	MA	YWL	17.01.23



ED.A.0.00	External door
IDA.0.00*	Internal door. * indicates FD30 Fire door
W.A.0.01	Window
E0	Wall type. (E external, P partition, F foundation, Pr porch)
F10	Floor type.
Rf0	Roof type.
	General dimension
	Room internal dimension
30 l/s 	Extractor fan
	Mains inter-linked smoke detector
	Mains inter-linked heat detector
	Mains inter-linked carbon monoxide detector
	Electricity/gas meter
	Gas boiler (arrow indicates flue direction)
	Hot water tank
	Rainwater hopper
	RWP. Diameter as indicated
	Roof fall direction and angle
	SVP. Diameter as indicated
	Appliance drain. Diameter as indicated

Rf1 Pitched roof - Slate finish

- Fortiterre S18 Slate Effect
- 25x50mm softwood battens
- Kingspan Nivent breathable membrane, or similar approved
- 47x175mm timber rafters to Structural Engineers detail

Rf2 Flat roof - GRP [U-value: 0.18 W/m²K]

- Fully bonded GRP
- 15mm marine Ply
- 120mm Kingspan Therma roof TR27 PIR board, or similar approved
- Vaqueen Vapour Barrier, or similar approved
- 18mm marine ply
- 47x200mm timber joists
- 12.5mm Gyproc Wallboard, or similar approved
- 3mm skim finish

C1 - Ceiling

- 18mm OSB
- 100mm Kingspan Insulation over joists.
- 100mm Kingspan Insulation fully fitted between timber joists
- 200 x 47mm C24 Timber joists at 400mm Centres
- 12.5mm Gyproc Wallboard, or similar approved
- 3mm skim finish

 E1 External Masonry wall (red brick finish) [U-value: 0.17 W/m²K]

- 102.5mm Wivenberg Heritage Blend masonry wall
- 10mm cavity filled with 100mm Kingspan Kooltherm K106 Cavity Board, or similar approved
- Kingspan Nienter breathable membrane, or similar approved
- 100mm Alcorec block
- 10mm Dot and Dab
- 12.5mm Plasterboard, or similar approved
- 3mm skim finish

 E2 External Stone clad wall [U-value: 0.17 W/m²K]

- Stone Cladding
- 10mm Substrate
- 100mm Blackwork
- 110mm Cavity Filled with 100mm Kingspan Kooltherm K106 Cavity Board, or similar approved
- 100mm Alcorec block
- 10mm Dot and Dab
- 12.5mm Plasterboard, or similar approved
- 3mm skim finish

 P1 - Timber party wall (E-WM-17)

- 3mm skim finish
- 12.5mm Plasterboard
- 10mm Dot + dab
- 100mm Blackwork
- 10mm Dot + dab
- 12.5mm Plasterboard
- 3mm skim finish

 P1 - Timber party wall (E-WM-17)

- 3mm skim finish
- 12.5mm Plasterboard
- 10mm Dot + dab
- 140mm Blackwork
- 10mm Dot + dab
- 12.5mm Plasterboard
- 3mm skim finish

 P2 - Stud partition (FD30 / RW15)

- 3mm skim finish
- 12.5mm Gyproc Wallboard fixed using drywall screws @ 300mm centres, or similar approved
- 38x89mm timber studs to RAL specification with 1no layer of 1no Acoustic Partition Roll, or similar approved
- 12.5mm Gyproc Wallboard fixed using drywall screws @ 300mm centres, or similar approved
- 3mm skim finish

 P3 - Timber upstand wall

- 12.5mm Plasterboard
- 60mm Kingspan continuous rigid insulation
- 100mm Rockwool insulation laid between 100 x 47mm timber battens.
- 12.5mm Plasterboard
- 3mm skim finish

 F1 - Foundation wall

- 102.5mm engineered brick
- 100mm cavity filled with 100mm Kingspan Kooltherm K106 Cavity Board, or similar approved
- 100mm Blackwork

F11 - Ground Bearing Slab [U-value 0.12 W/m².K]

- 65mm mortar screed
- Separation layer
- 120mm Kingspan Kooltherm K103 Floorboard (0.018 thermal conductivity), or similar approved
- 150mm concrete slab
- Visqueen EcoMembrane DPM, or similar approved
- Hardcore

F12 - Suspended timber floor [FD30 / RW15]

- 18mm ply
- 100mm Isover Acoustic Slab between joists, or similar approved
- 47x255mm C4 Joists @ 400 Centers
- 15mm Gyproc Wallboard, or similar approved, fixed to the underside of the joists.
- 3mm skim finish

F13 - Exposed timber floor over porch [FD30 / RW15]

- 18mm ply
- 2mm Sylomer TSS resilient strips
- 105mm joist airspace
- 47x255mm C4 Joists @ 400 Centers
- 150mm Isover Acoustic Slab between joists, or similar approved
- 15mm Gyproc Wallboard, or similar approved, fixed to the underside of the joists
- 3mm skim finish



1 : 100

Unit 6

Ground Floor -	89.2m ² 960.2ft ²
First Floor -	55.1m ² 593.1ft ²
Total -	144.3m ² 1553.2ft ²

