

12mm. external quality marine ply on min.
25x38mm SW treated and impregnated support.

Galvanised angle by roofing
specialist

Face of Stud
Fall

Colour coated aluminium edge
(Bauder or similar approved)

25mm ventilation with vermin mesh

Treated and impregnated noggin support to coping

HAVANT BOROUGH
COUNCIL

16 MAY 2016

RECEIVED

18mm marine plywood board fixed to
timber frame 'parapet' with Single Ply
Membrane dressed up and over in
accordance with manufacturer's
recommendations. 1:60 Fall

Roof Construction:

Single Ply roofing membrane fully adhered or mechanically
fixed on 200mm PIR insulation board, on high performance
vapour control layer on 18mm marine plywood board, on
treated and impregnated furring timber creating fall of 1:60,
18mm OSB board fixed to roof joists, roof joists to timber
frame supplier details, installed at 600mm ctrs, with cavity
filled with 40mm PIR insulation, 15mm 'Wallboard' to
underside of roof joists, taped and jointed. MF suspended
ceiling system with 12.5mm 'Wallboard', creating a service
void of 170mm minimum.

(NB:Min.O/A U-Value=See U-Value Calculations)

Roof SFL
49222

Timber Cladded Wall :

21mm x 118mm timber cladding, 'Thermowood' redwood PMV
pre-treated, 90x38mm treated and impregnated studs at 600mm
ctrs. on metal brackets, 65mm ventilated cavity.

DPC cavity tray.

Extended intumescent cavity barrier but still maintaining
vent to cavity.

Vapour permeable membrane (Thermo TF200 or similar)

10mm OSB.

140 x 38mm timber studs at 600mm. ctrs. to specialist design,
cavity filled with quilt insulation batts (O/A U-value = See U-Value
Calculations)

Fully bonded vapour control layer.

12.5mm plasterboard with taped and filled joints, to achieve
target U-value use 32.5mm O/A thermal plasterboard.

200
18
Varies
18
304
15
622
170 min.

15mm plasterboard (F30 REI) with
taped and filled joints

SERVICE ZONE

Airseal

12.5mm Plasterboard (10kg/m3) on MF
System with taped and filled joints.

140 10 65 90 21

1507/SK.01A/A