

25mm Catnic SSR2 Standing Seam Panel in Anthracite RAL 7016 at 514mm in length. Refer to Manufacturers Literature.

Breather Membrane

18mm OSB fixed back to Seam Roof Panel using nails supplied through the notched Z Bar. All Nail breaks in structure to be sealed.

Standing Seam Roof Panel Z Bar backed to OSB

100mm Xtratherm PIR Rigid Insulation Board

150 x 47mm C24 Structural Timber Insulated Rafter

Vapour Control Layer

45 x 45mm Timber Stud Service Void full fill with RockWool Flexi Insulation

15mm Knauf FireLine Board

100 x 75mm Wall Plate Bird-Toothed into Rafter

Catnic Box Gutter fixed back to Catnic Fascia

Catnic Fascia

Catnic Soffit Panel fitted with Rivet and Soffit Gripper to Manufacturers Specification.

Cavity Fire Barrier

Air Gap fitted with insect mesh

External Wall to Roof Detail
Scale 1:10

100mm 5lam CLT Panel. Refer to Eng. Drawings.

22mm SILVALarch Siberian Rainscreen Cladding fixed to Timber Batten

38 x 50mm Vertical SW Treated Timber Batten fixed to Nvelope Bracket

Nvelope 150 Bracket fixed between insulation back to CLT. Adjusted to 175mm + 38mm Timber Batten to provide suitable ventilation to cavity.

Breather Membrane wrapped over face of slab and to run up face of CLT and fixed in place. All joints and laps to be sealed.

125mm RockWool duo Insulation Slab to extend down and wrap around Nvelope brackets.

Aluminum flashing Cill to be bedded on compressible sealant and fixed back to CLT.

20mm Air Gap fitted with insect mesh.

30mm Rigid Insulation to be installed between Empty Cavity and CLT to avoid cold bridging.

High performance DPC to run up face of and over Slab and behind brickwork and under cill sealant.

All joints and laps to be sealed. 150mm from GL

Skirting with compressible sealant below

22mm Timber Flooring to be screw fixed and all joints fully glued placed ontop of 6mm Acoustic underlay bonded to screed.

75mm Cement: Sand Screed including Underfloor Heating Pipes

45mm Thermafloor TF70 Rigid Insulation

DPM

Reinforced Steel Angle Bracket fixed with 100mm Anchorbolt to connect and support CLT Panel to Concrete Slab. Non-grout to be put below CLT Panel.

Suspended Concrete Slab

External Wall to GF Detail
Scale 1:10

