Framing and Wall Height

FRAMECAD® Stud width shall be 35mm minimum. Stud spacing shall be at 610mm centers maximum. Frame height as determined by specific design.

Cladding

FRAMECAD® 60mm Insulated Façade System + one layer of FRAMECAD® 12mm Fibre Cement Sheet fixed on the external side of the FRAMECAD® cold formed steel wall frame.

Vertical fixing. Full height sheets shall be used where possible. All Sheets joints to be formed over studs and nogs.

All sheets to be fixed a minimum of 50mm from ground level, unless a “Z” flashing is provided or as per local building regulation.

All Sheets to extend below the finished floor level by a minimum of 50mm.

Building Wrap

Install with a 150mm overlap between runs, with each higher run lapping over the lower layer. Install external cladding without delay.

Cavity Fill

Rockwool or Glasswool Insulation. Avoid creating gaps and spaces, as they will allow warm air to bypass the insulation and escape. Cut batts to length by setting the top of the batt into the space and cutting against the bottom plate with a sharp utility knife. Leave an extra 25mm (1/2 inch) of length for a complete fit. Stuff strips of batting into spaces around windows and doors. The insulation should fit snugly, don't pack it.

Fastening

Lining

Two layers of FRAMECAD® 15mm Fire Resistant Gypsum Board on internal side of the FRAMECAD® cold formed steel wall frame.

Vertical fixing. Full height sheets shall be used where possible.

Horizontal fixing is permitted as long as all longitudinal sheet joints are formed over nog/dwangs. When sheet end butts joints are unavoidable, they shall be fixed at 200mm centres and formed over framing. All sheet joints must be formed over framing.

Linings are fixed 10mm off the floor.

NOTE: In order for FRAMECAD® Wall Solutions to perform as designed all components must be installed exactly as prescribed. Substituting building components may produce an entirely different solution and may seriously compromise performance.
FRAMECAD® Design and Build System delivers a full range of building assemblies that meet fire, thermal and acoustic values. For details on the appropriate assembly for your project please contact us.

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