DrywallsWall Cladding Systems

Dry Lining

SYSTEM COMPONENTS ASSEMBLY & FINISHING



SYSTEM (ZL 100)

BRINGING PLASTERBOARD TO LIFE



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WALLS & CEILINGS PROFESSIONALS

INSTALLATION of (ZL00) system

Installation:
Cladding layouts should be marked accurately
Always check individual measurements against overall site dimension
Align the top and bottom channel tracks of the cladding accurately according to the plan layout
Attach at ceiling and floor to structural elements
Allow for board depth when positioning and to achieve required cavity depth

Frame installation:
1. use suitable fasteners for anchoring the cladding wall at the base and head. locate fasteners at 50 mm from each end and spaced at maximum 600mm centers along each channel track (GU18)
2. fix FB80 to structure in a line at maximum 800mm vertical centers to receive CH45 and to suit cavity depth required (the range 25mm-125mm)
3. Cut the CH45 to be 5mm shorter than floor to ceiling heights and placed into bottom and top channel at maximum 600mm centers in which attaching to FB80 with appropriate fastener and keeping the desired cavity
4. Excess bracket legs length to be removed or bent back
   CH45 may be spliced if necessary, using Channel Connector

Insulation:
Any insulation to be of type and thickness to achieve required performance and tightly installed in a continuous layer between brackets and behind channels.
Where insulation may be expected to slump, suspend from Insulation Hold strips at 150mm from top of Wall and at 1200mm vertical centers. Fit boards securely with closely butted joints (leaving no gaps)

Boarding:
The Dry liner lining system is suitable for single, double and multiple layer boarding.
Select base layer(s) And finishing layer(s) Boards to be 5mm less than floor to ceiling height. Board edges to be centred over channels.
Boards to be mechanically fixed to channels and track at 300mm centres.
Using Board joints to be staggered Between layers.

Over-height single layer boarding:
Where wall height exceeds board height, fix boards to a continuous band of metal flat strap behind all horizontal joints to maintain fire integrity

Over-height multiple layers boarding only:
Where wall height exceeds board height for double or multiple layer boarding fix outer layer of boards to a continuous band of metal flat strap behind all horizontal joints (From the movement control joints at a maximum of 10m intervals in the lining run. From movement control joints Where the lining crosses a structural movement. Butted end to end to board with Galvanized staples)

Taping and Jointing (3-stage process):
1. The plasterboard joints are normally first taped with self-adhesive fibre tape
2. 1st coat of Joint Filler applied. After the Joint Filler sets (usually within 90 minutes) apply 2 coats of Joint
3. When the 2nd coat of Joint is completely dry (this usually takes 24 hours depending on site condition) Sand it down with Vacuum Sanders to minimize the dust on building site. After sanding. The taping and jointing can be painted in the same way as traditional plastering
4. Corner beads or a metal tape will be applied to all external corners and then taped and jointed with a 3 coats process described bove.and L bead will be applied on the bottom edge of boards

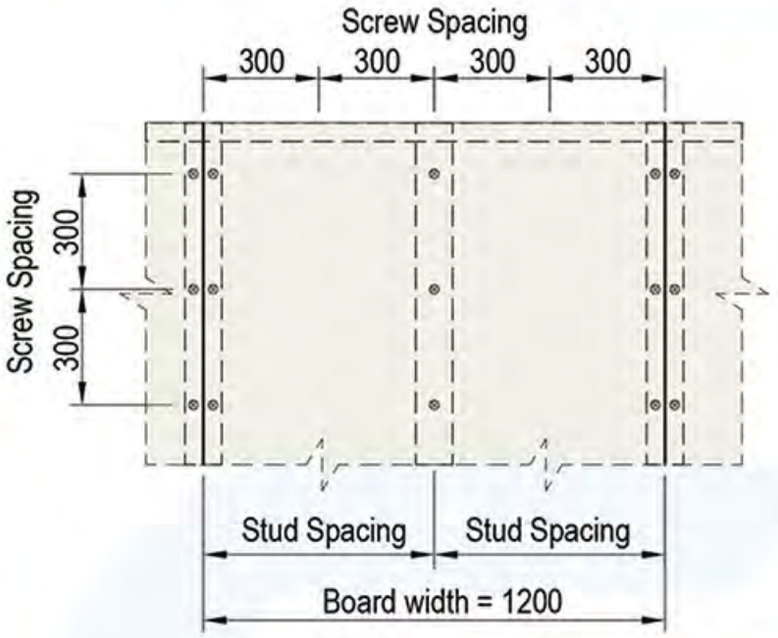
Caulking:
Caulk all perimeter gaps in fire rated walls fire Sealant

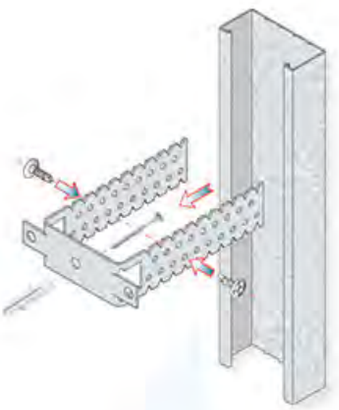


Environment Friendly Products

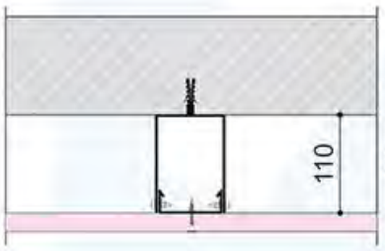
WALLS SYSTEM (ZL 100)

GENERAL DETAILS

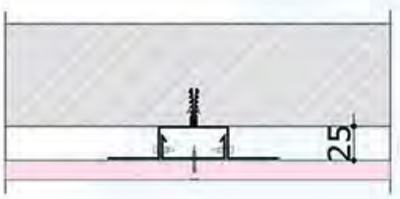




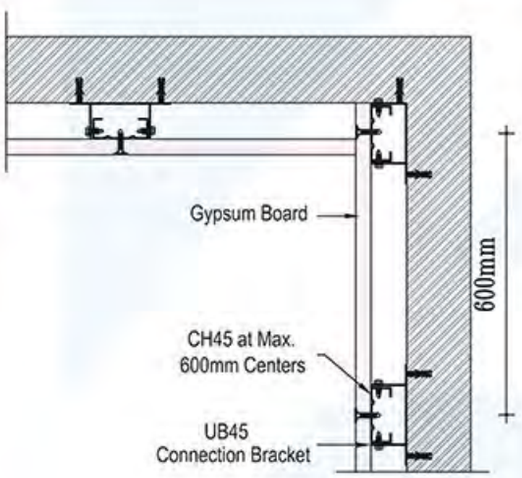
Cladding & Screw Spacing



Max. 110mm



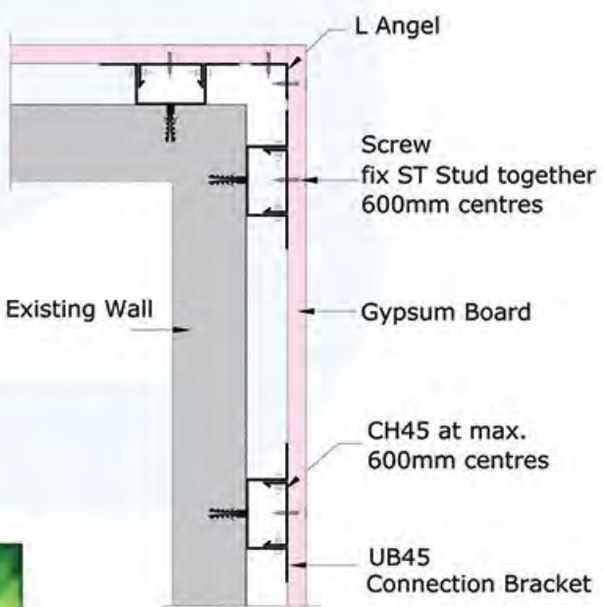
Min. 25mm



Inside
Corner Plan
ZL 100



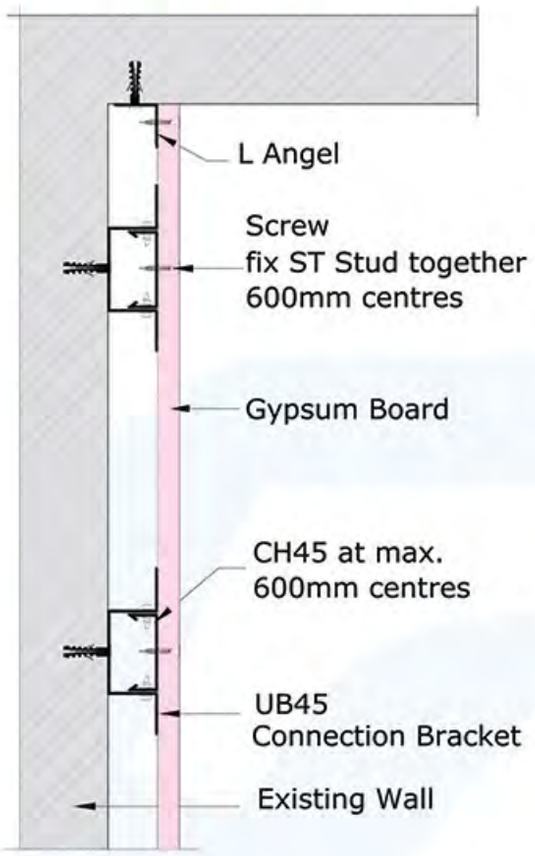
Environment Friendly
Products



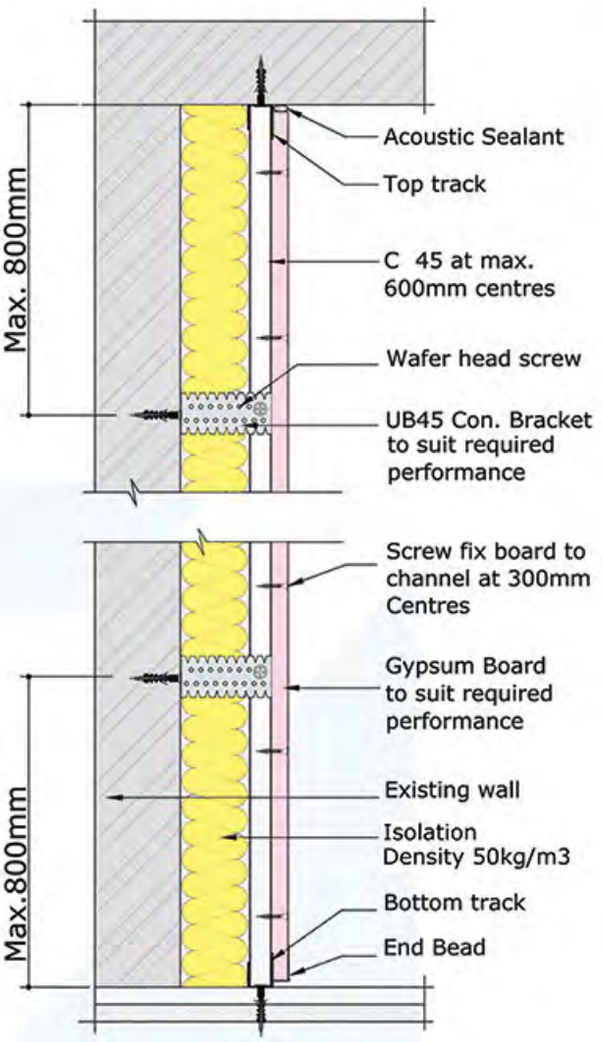
Outside
Corner Plan
ZL 100

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GENERAL DETAILS



Start Plan - ZL 100



Section Details ZL 100





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