Plycem Exterior Cement Board (walls) have a thickness of 12 mm and are 122 cm width x 244 cm long.

NOMINAL LENGTH

NOMINAL WIDTH

Plycem Exterior Cement Board are fastened on galvanized steel structures (studs, tracks or furring channels), or on wooden structures.

32 mm

The metal structures are fastened with galvanized screws and nails/screws on wood structures.

Connection screw for studs with Tracks.

Structural corner joints or intersections.

Self-tapping screw for cement board on metal or wood (31mm minimum length) structures.

The joint treatment and surface coating is made with the placement of a joint mesh for cement board and a cementitious basecoat.
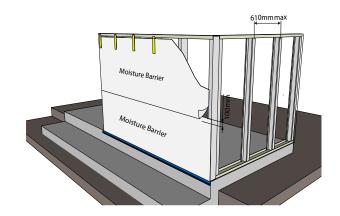

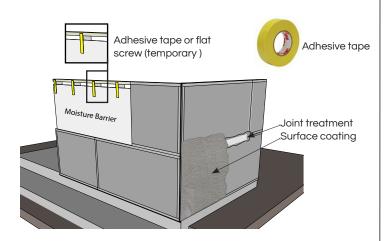Mesh for boards joints

Cementitious Basecoat

Reinforcing mesh for basecoat (1 m width)

You shall place a reinforcing mesh in high-rise buildings for the coating over in the entire surface area, considering the shrinkaje during the curing of the cement (consult with the technical and professional advisor of construction site).

Install the metal framing using 20 gauge elements in outdoors and 24 gauge in indoors. Leave spacing of 40.6 or 61 cm as is indicated. Include a moisture barrier at outdoors over the structure and then the Mi Concreto boards with screws spaced 20 cm. Alternate the vertical joint such as not to leave a continuous joint.
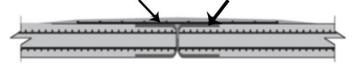

610mm max

Moisture Barrier

Moisture Barrier

Adhesive tape or flat screw (temporary)

Adhesive tape

Moisture Barrier

Joint treatment
Surface coating

Prepare the dry wall mortar with clean water according to the manufacturer's instructions and treat all joints with joint mesh. Let dry thoroughly.

NOTES:

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Cementitious basecoat   Reinforcing mesh for joints

Then pour the basecoat mortar, applying at least 2 coats and ensuring the level and finish on the whole surface. Treat the corners and edges with pvc corner beads. After the second coat, still wet, smooth the surface with a rubber trowel or sponge. Cure the wall with clean water from 3 to 5 days using a sprayer.