



VMG Lignum Board | Wall Regular

GENERAL

These guidelines are for the installation of *VMG Lignum Board | Wall Regular*.

There are three types of *VMG Lignum Board | Wall*:

- has tongue and grooves on two sides *VMG Lignum Board | Wall T&G2*.
- has straight edges *VMG Lignum Board | Wall Regular*.

Marking on plate should be always on bottom side of plate.

VMG Lignum Board | Wall contains 5-8 % moisture on delivery from factory. During assembling of plates, materials cannot get direct water (rain) and temperature should be +10°C at least.

The panels will move slightly in response to variations in air humidity.

AREAS OF USE

VMG Lignum Board | Wall can be use as a wall (Service class 1&2).

TRANSPORT, STORAGE, HANDLING

VMG Lignum Board | Wall must be protected from moisture during transport and storage. Panels must never be laid directly on the ground.

VMG Lignum Board | Wall should be stacked horizontally on wooden battens (100 x 80 mm). Wooden battens should be of the same dimensions and spaced no further than 700 mm apart. At the edges, *VMG Lignum Board | Wall* should not project from the last wooden battens by more than 150 mm. Wooden battens should be vertically aligned to avoid damage (Fig. 1).

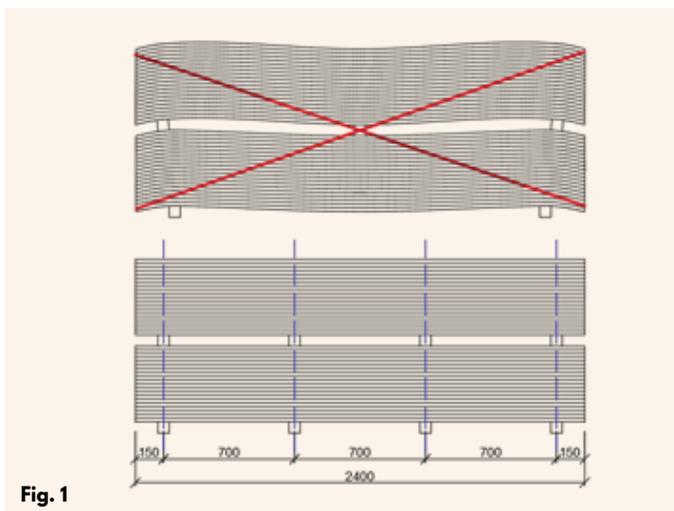


Fig. 1

PLEASE HANDLE WITH CARE!

VMG Lignum Board | Wall should be carried by hand in a vertical position, not horizontal, in order to avoid breaking (Fig. 2).

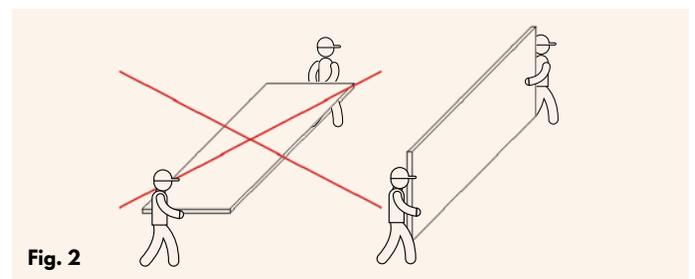


Fig. 2

Storage rooms must be protected from the direct sun and rain (Fig. 3). Open shelters are not considered dry.

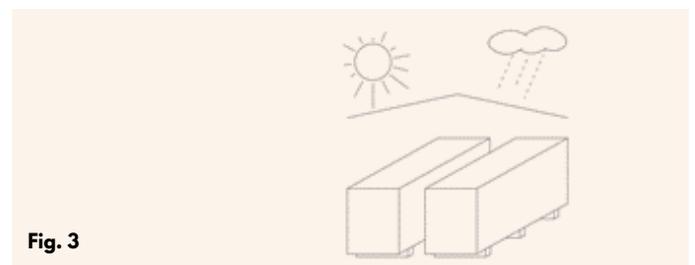


Fig. 3

BEARING STRUCTURES

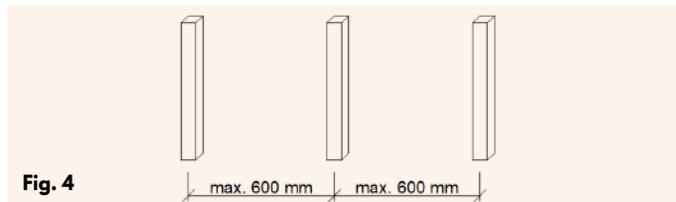
VMG Lignum Board | Wall can be placed on:

- wooden beams.
- metal beams.

VMG Lignum Board | Wall Regular

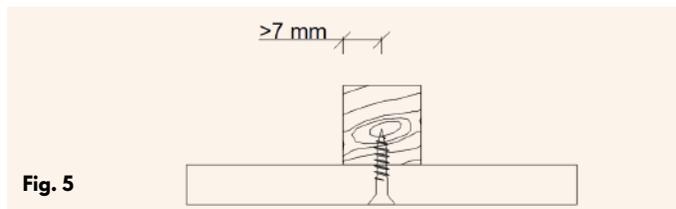
INSTALLATION ON BEAMS

The moisture content of the wood beams cannot exceed 18 %. The bearing structure should be leveled. A vapour barrier can be placed between the bearing structure and *VMG Lignum Board | Wall*. The beams must be installed with exact centre-to-centre spacing, max. c/c 600 mm (Fig. 4).

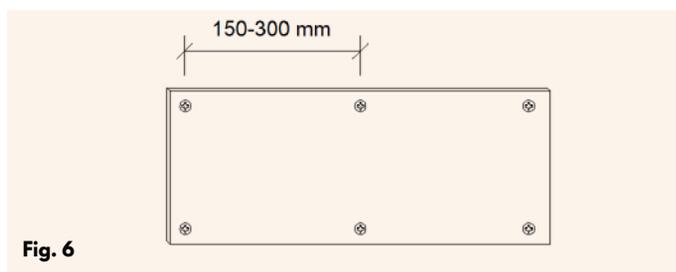


VMG Lignum Board | Wall are nailed or screwed. In service class 1, galvanize steel or stainless steel and in service class 2 - hot galvanized steel or stainless steel fasteners must be used.

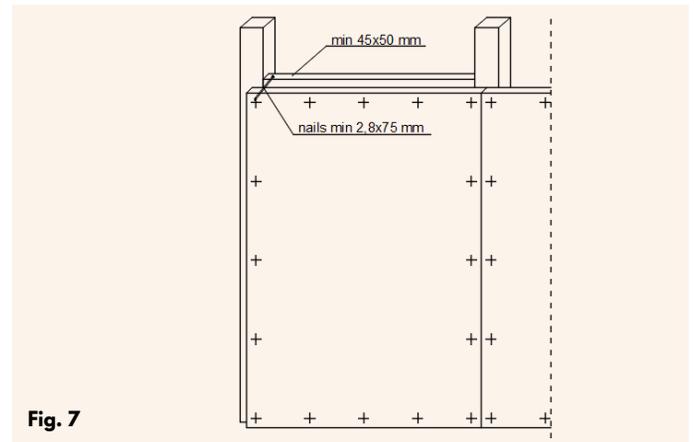
The minimum length of fasteners must be at least 50 mm or twice the thickness of the panel, whichever is the longest. For nails, the minimum diameter is 0.16 times the thickness of the panel; and 0.2 times the thickness of the panel for screws. Minimal nails 3.0/50 mm, screws 3.6/50 mm. The distance to the edge must be at least 7 mm (Fig. 5)



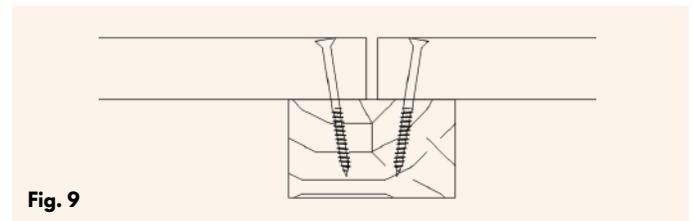
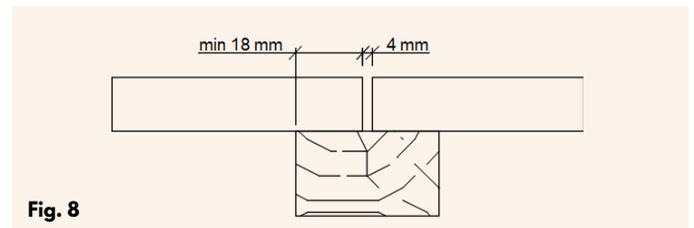
The spacing between fasteners is not more than 150 mm at the ends of the panel and not more than 300 mm on intermediate supports (Fig. 6).



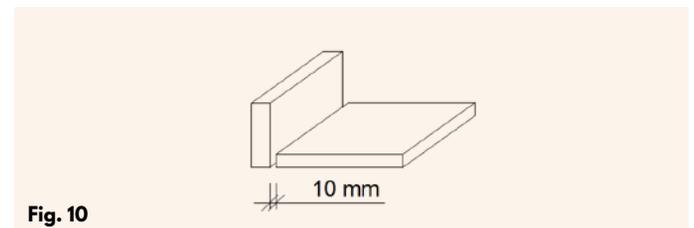
VMG Lignum Board | Wall Regular must be supported on 4 sides (Fig. 7). This support should be 18 mm at least (Fig. 8)



VMG Lignum Board | Wall Regular are laid with an expansion joint of 4 mm for a panel width > 1 m (Fig. 8).



Against fixed structures, there must be a clearance of min. 10 mm (Fig. 10).



Before laying the top wall, it must be checked that the wall has good contact with the joists and does not creak. If it does, consider inserting more screws. *VMG Lignum Board Wall* damp content may not exceed 10% when the top wall is laid.

Link to the manufacturer's page: