

# Installation guide **PLYCEM** **INTERIOR EXPOSED JOINT**



IMPACT  
TESTS



LIGHTWEIGHT



PLAGUE  
RESISTANT



WEATHER  
RESISTANT



NON-COMBUSTIBLE



THERMAL AND  
ACOUSTIC  
COMFORT



EASY TO  
INSTALL

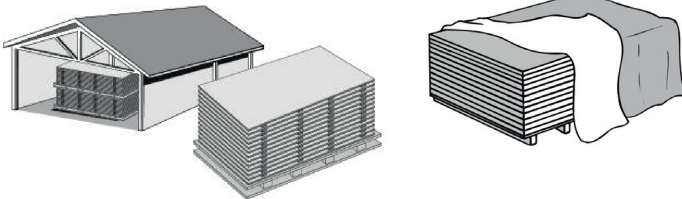


DESCRIPTION

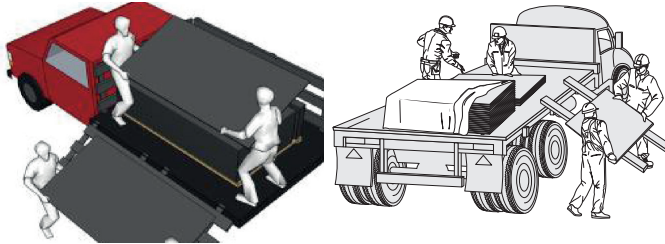
Plycem Interior Exposed Joint boards allow a quick installation of internal partitions with an excellent finish and resistance. They are also used in ceilings, soffits, furniture, shelves and maintenance of partitions of walls and other uses.

TRANSPORTATION, STORAGE, AND HANDLING

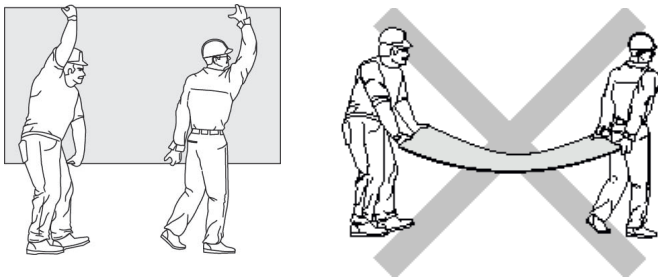
Always store the boards indoors in ventilated and dry areas; both in the commercial warehouse and on the construction site. Do not expose the panels to the outside (rain, sun or snow). In flat surfaces, stack them on pieces of wood (do not leave them directly on the ground). If you leave them temporarily outside, you must cover the pallet with a waterproof mantle.



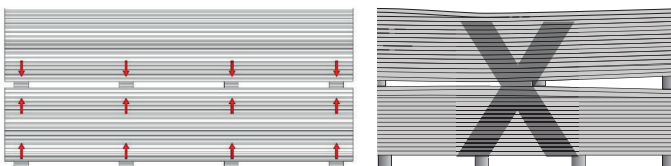
Plycem Interior panels must be loaded by at least 2 people. Transport the covered panels with a waterproof mantle, preventing them from getting wet on the trip to the commercial warehouse or the construction site.



Always handle the boards on their edges, avoiding deflections in a horizontal position



Always stack the boards in the correct position on aligned supports. Avoid deformation during stacking. Do not stack more than 3 pallets one on top of the other.



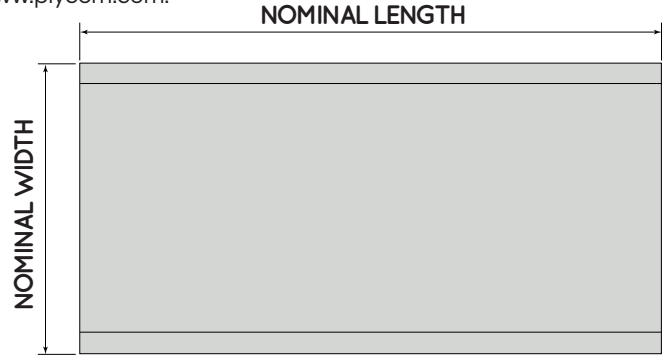
SYSTEM COMPONENTS

Plycem Interior Exposed Joint Boards

Plycem Interior boards are made with organic fibers and cement. They have a smooth or cedar finish, thicknesses of 5mm, 6 mm in widths up to 1219mm by 2438mm or 3050mm in length (check availability stock).

If Plycem cedar finish is required, it must be made to order (ask for minimum production quantity and available stock).

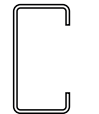
For Plycem Interior Exposed Joint technical data sheets please visit [www.plycem.com](http://www.plycem.com).



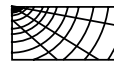
Structure



Track 32x100 mm 24 Ga (min.) Indoors



Stud 50x100 mm 24 Ga (min.) Indoors

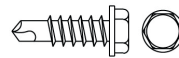


(25,4x50mm, 38x75 mm, 50x75 mm, 50x100mm) semi-hard wood.

Fastenings



**LH 8-050 SCREW (structure)**  
Stud and track assembly.



**MM10-075 SCREW (structure)**  
Structural corner joints or intersections.



**PH 8-125 SCREW (Plycem on steel)**  
Fastening of Plycem to 20 Ga. metal structure



**PL 6-100 SCREW (Plycem on steel or wood)**  
Fastening of Plycem to 24 Ga. metal structure or wood structure.



**PL 8-175 SCREW (Plycem on wood)**  
Fastening of Plycem to wood structure.



**50.08 mm nail (Plycem on wood)**  
Plycem to wooden structure.

SEALANT



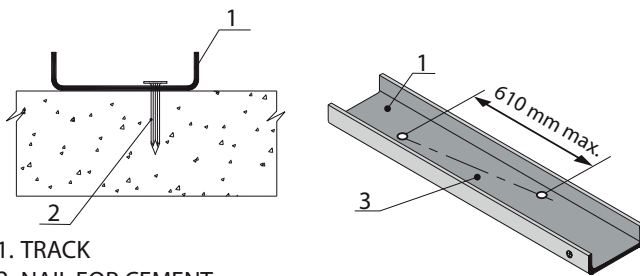
Polyurethane Sikaflex 15 LM, 1A Plus or the like

FLOOR ANCHORAGE



1" CONCRETE NAIL

NON-STRUCTURAL INDOOR WALL



1. TRACK
2. NAIL FOR CEMENT
3. ALTERNATE THE ANCHORAGE ON ZIG-ZAG ON THE TRACK

TOOLS



HAMMER



PUTTY KNIFE



RUBBER TROWEL



FLAT TROWEL



ROLLER



BRUSH



MEASURING TAPE



RASP



SCREW DRIVER



CIRCULAR SAW WITH DIAMOND BLADE



LEVEL STRING ROPE

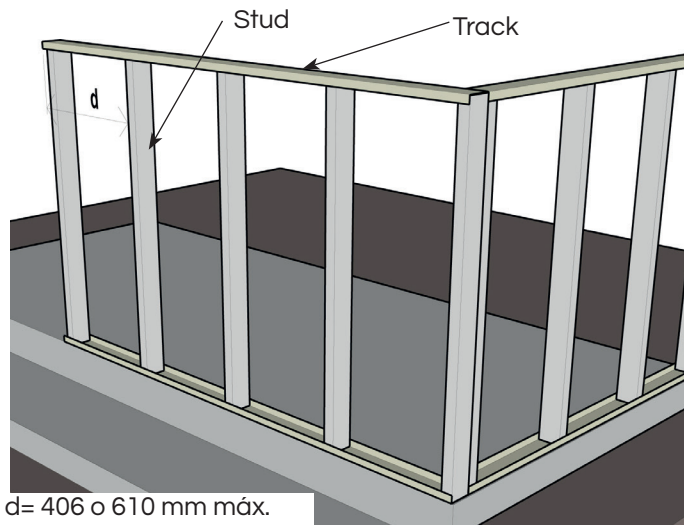


CONSTRUCTION LEVEL

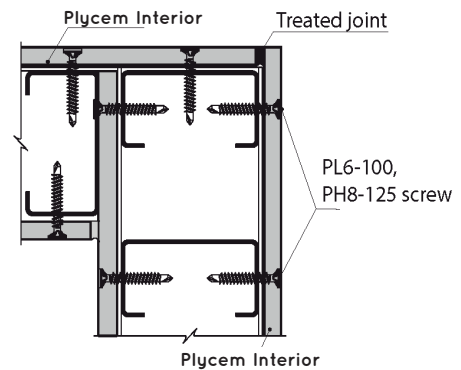
WALL INSTALLATION INSTRUCTIONS

PLACEMENT OF METAL STRUCTURE

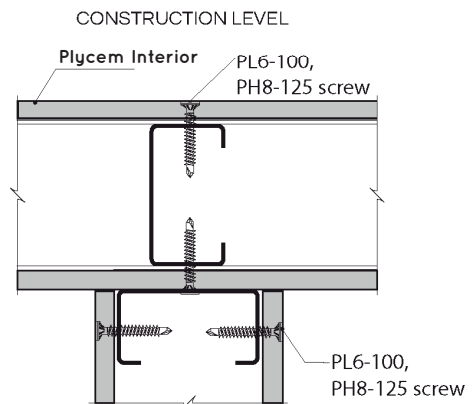
The metal frame will have a profile of 24 Ga (minimum internal wall), with a maximum space of 610mm o.c. The panels are fixed with the longest edge parallel to the stud, using self-drilling screws PL6-100 or PH 8-125 as appropriate. The space between screws is 200 mm o.c. The fastening will be placed according to scheme.



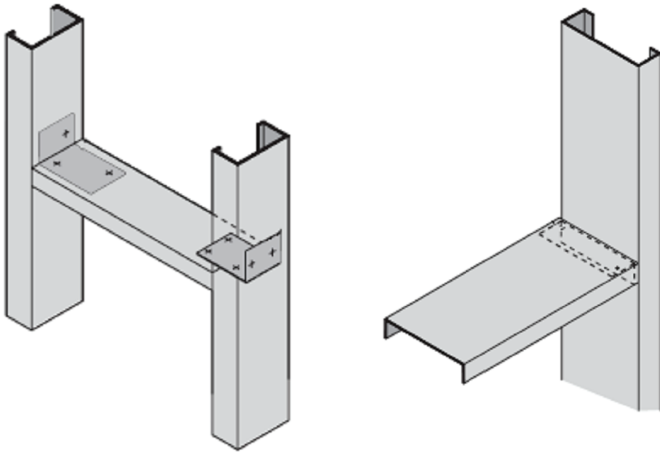
Corners



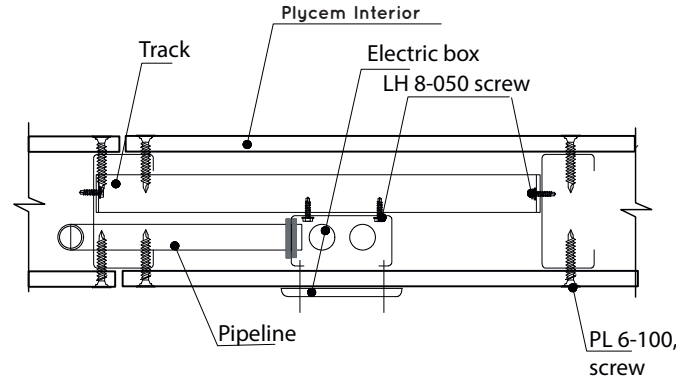
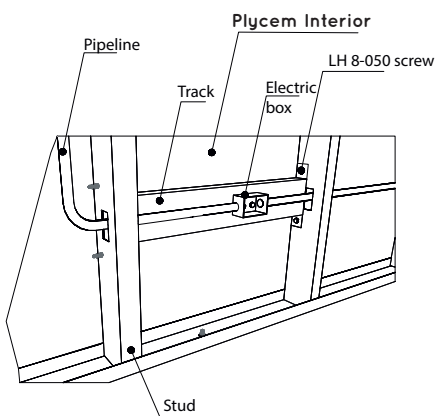
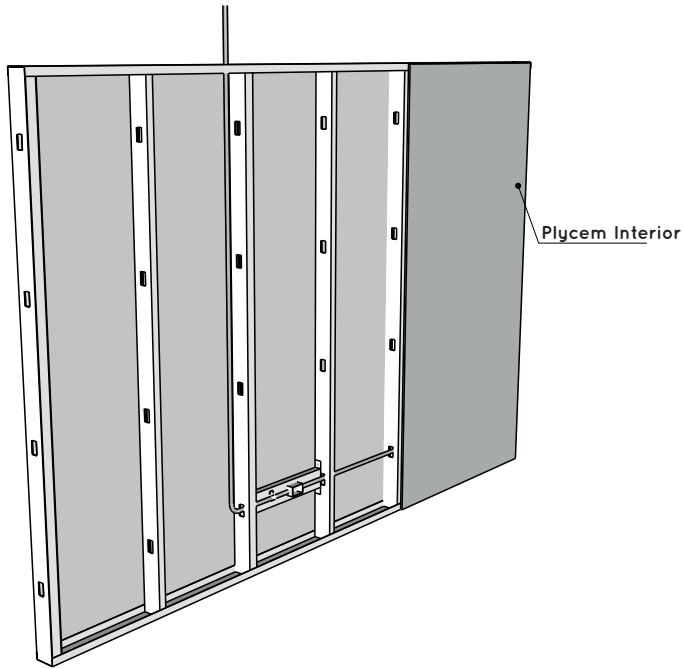
Intersection



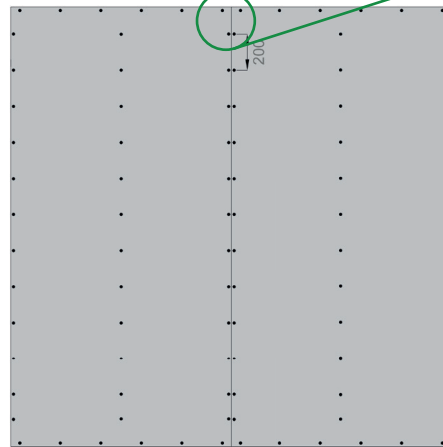
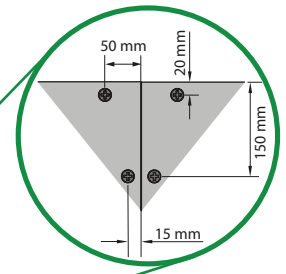
If the boards are installed horizontally, a cross support must be placed on the long board joint. This allows the structure to be fasten on all 4 edges.



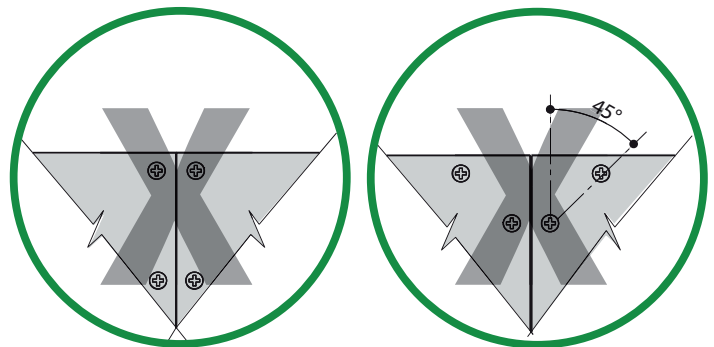
**ELECTRICAL OR MECHANICAL INSTALLATIONS**



**FASTENING**



**Wrong fastening**

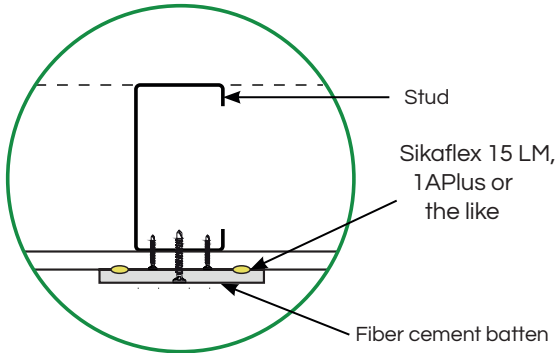




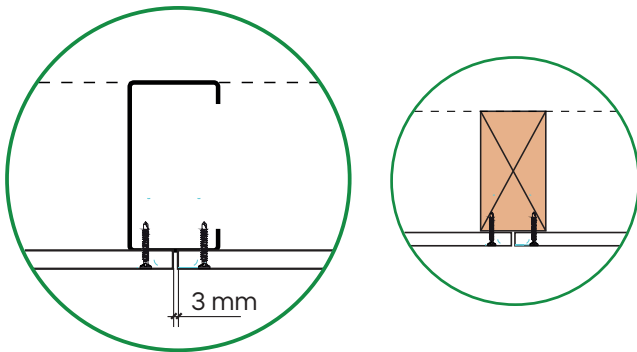
**DETAILS OF EXPOSED OR RAISED JOINT**

Plycem Interior boards are used in walls with visible joints, for which any of the following options can be used, both in metal and wooden structures:

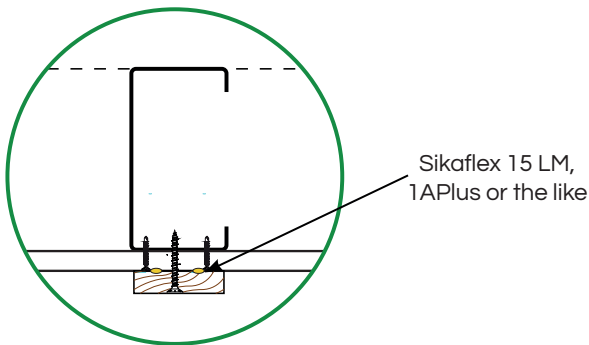
**Plycem Interior joint cover**



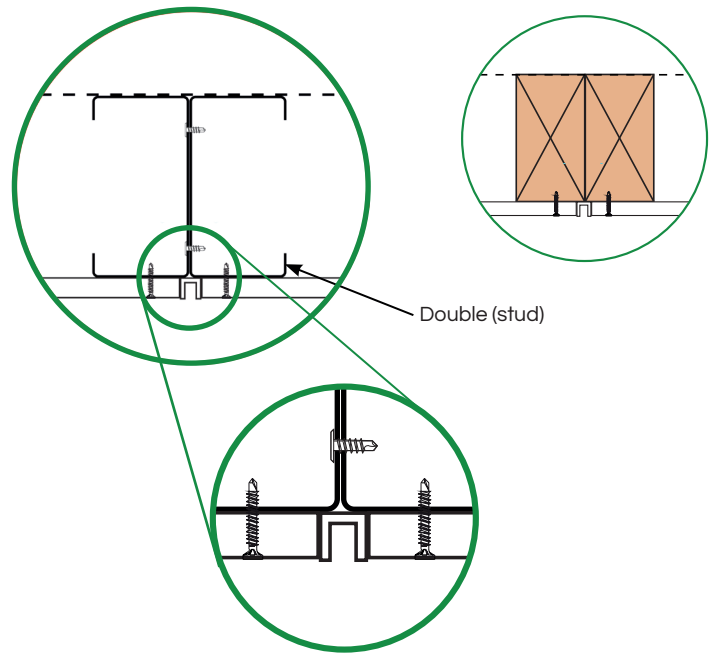
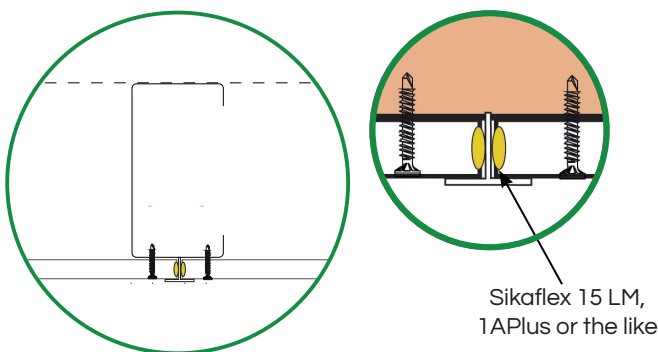
**Wall with exposed joint**



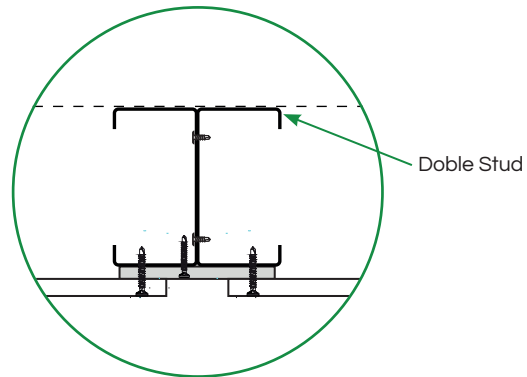
**Wooden joint cover**



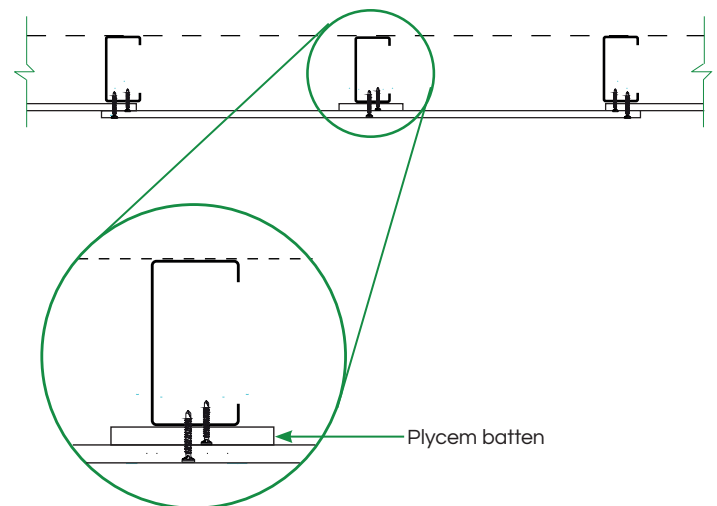
**Plastic or aluminum drywall reveal**



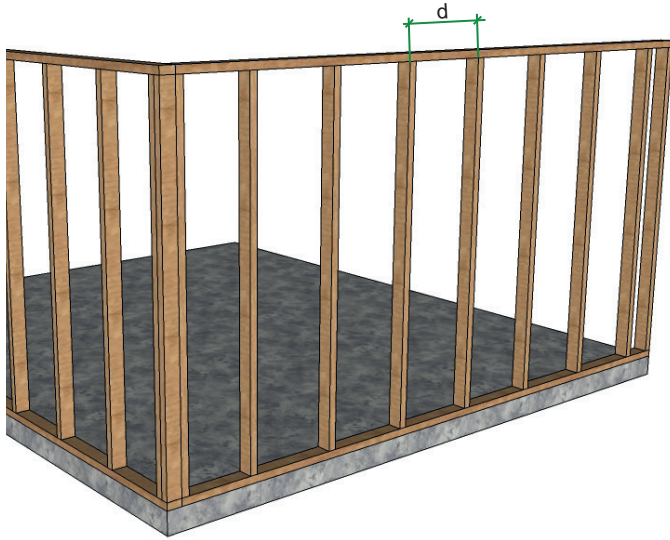
**Hidden joint lid**



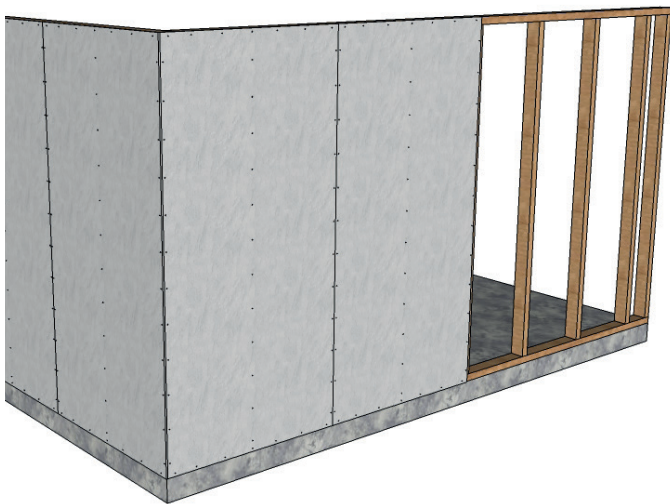
**Overlapping boards**



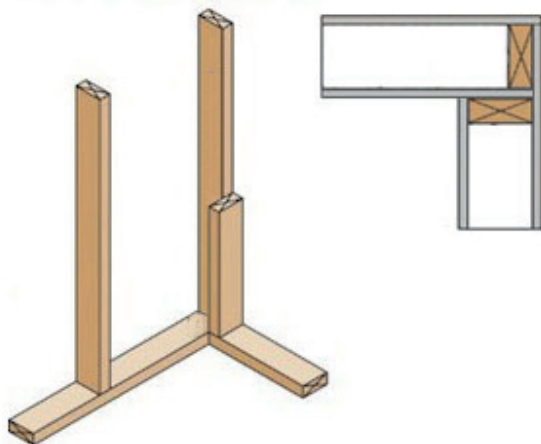
DETAILS WITH WOOD STRUCTURE



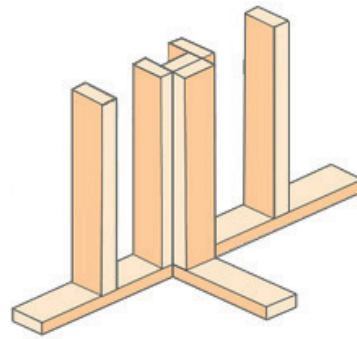
d= 406 o 610 mm max.



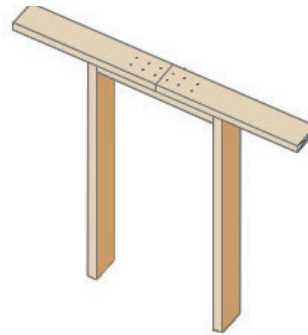
Corners



Intersection



Connections



CEILING AND EAVES

For more details, please consult the Ceiling and Eaves Installation Guide at [www.plycem.com](http://www.plycem.com)







### OTHER USES

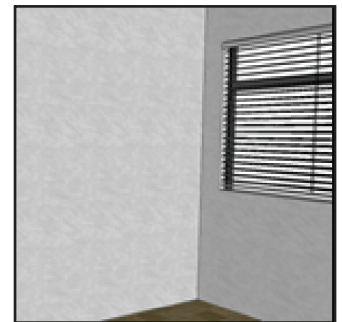
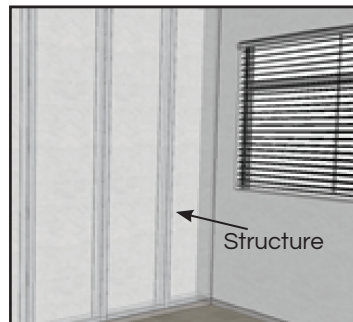
Plycem Interior boards can be used for other types of applications such as:

#### Furniture and shelves

Plycem Interior can be used to build different types of furniture, furniture divisions or shelves. Different designs can be achieved with the advantage of having moisture and plague resistant.

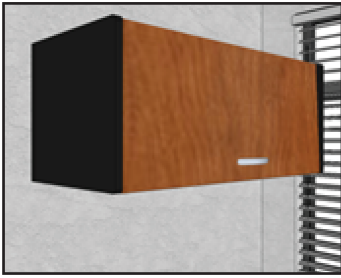


The fastening of shelves or upper furniture requires a support structure, which can be located at 40.6 cm or 61 cm o.c. Use an electronic sensor to locate the structure.

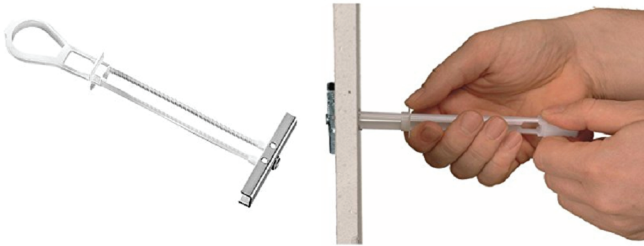
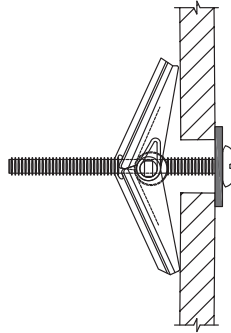


The weight must be taken into account, as it is necessary to make sure that the wall structure is strong to support it (Fasten to the stud only).





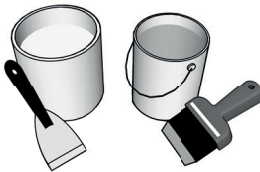
Make the fastenings for supports on the wall structure (studs) or on the previously installed structure. The Drywall system expander (max. 50 kg in 8 mm) can be used to hang decorative objects.



#### SCOPES AND LIMITATIONS

- Do not use Plycem Interior boards for surfaces where ceramic, vinyl or similar veneer is required. In these situations use Plycem Exterior board of 10mm thickness minimum.
- The Plycem Interior boards are for interior walls only
- Plycem Interior is used for wall applications with visible joints, not monolithic finish walls (hidden joints).

#### PAINT



Use a high quality 100% acrylic latex paints and always follow the manufacturer's instructions. Apply a 100% latex primer and paint to all areas that have been cut. To guarantee maximum performance of the product.

This product is manufactured for outdoor and indoor uses in accordance with INTE/ISO 8336:2018 standard (Category A, Class 1)

TOLERANCE			APPARENT DENSITY
LENGTH	WIDTH	THICKNESS	
± 2	± 2	± 0.6	1.0 to 1.15 g/cm <sup>3</sup>

Recommendations and instructions given in this manual are an adequate guide for using and handling the product. This guide does not replace the responsibility of the responsible engineer, the structural engineer, or the supervisor of each project where the product is used. For projects where special measures or conditions are requested, the product will fit the plans and the design provided by the client, assigned constructor, or engineer. Installation instructions provided by the client will apply. PLYCEM does not assume any responsibility for misuse of the product, incorrect handling, or use of materials different from the complementary materials recommended. PLYCEM does not help in the installation and management of the structural design. Therefore, this manual does not represent a co-responsibility in this regards, and its responsibility will be exclusively limited to the material.





Find us in:

[www.plycem.com](http://www.plycem.com)

[contactoplycem@elementia.com](mailto:contactoplycem@elementia.com)



/Experto Plycem

Manufactured by:

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