

Protected and breathable OSB structural panel.

LP OSB HWRAP

SIDING LP SMARTLAP

EXTERIOR MOISTURE

BUILT-IN BREATHABLE MEMBRANE
IT PROTECTS WALLS FROM RAIN AND RELEASES INTERIOR MOISTURE. FOR A MORE COMFORTABLE AND DURABLE HOME.

INTERIOR MOISTURE

50% FASTER

AN EFFICIENT SOLUTION + CONVENIENT

- ✓ Integrates working areas and reduces both installation time and workforce.
- ✓ Protects the home before and after siding, so wind and rain cannot penetrate it.
- ✓ Decreases losses produced by overlap and handling.

LP OSB HWRap

STRUCTURAL WITH MEMBRANE

■ STRUCTURAL PANEL WITH HYDROFUGE BARRIER

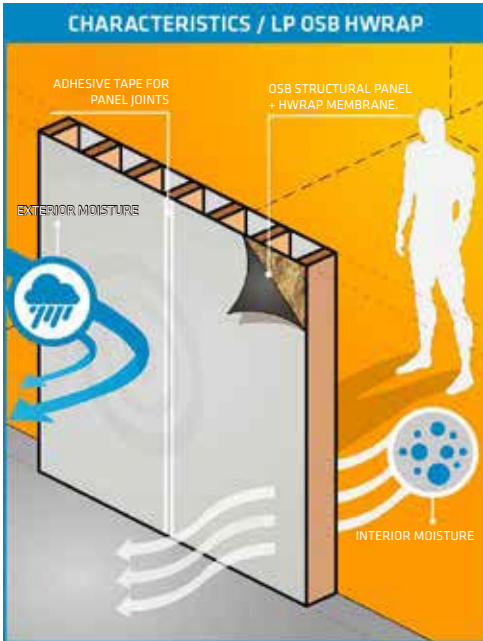
LP OSB HWRap

STRUCTURAL WITH MEMBRANE

■ STRUCTURAL PANEL WITH HYDROFUGE BARRIER



Always use personal protection elements



supporting shafts to avoid deformations. If stored outdoors, we recommend covering them with plastics and being careful about keeping the panel sides separate to allow for air circulation.

Take additional protection measures for longer storage periods.

Take all necessary precautions to prevent panels from damages on corners or edges while they are being transported.

STABILIZATION

According to Chilean Regulation 1198 “Wood and its derived elements must have, at the time of use, a moisture content equal to that of equilibrium moisture of its service location.”

The change in moisture content translates into panels’ and wood dimensional variation. Therefore, this effect must occur prior to installation. Not to do so will result in deformations both in the structures and in the panels.

We recommend soaking both sides of each panel with 1 to 2 liters of water and let them lay for 2 days. Then compare the panels’ moisture with the moisture of equilibrium of its service location using a higometer. If not sufficient, repeat the process.

INSTALLATION

Prior considerations

Do not install on structures with wood that is warped or saturated with moisture since the panel will copy all the structure’s imperfections.

LP OSB HWRap structural panels and wooden bottom plate should not be in direct contact with concrete or the construction site. We recommend using polyethylene or felt between the slab-on-grade and wooden bottom plate and also galvanized profiles between the panel and the siding.

Keep a minimum distance of 15 cm between the panel’s bottom edge and ground level.

In every panel joint you should install waterproof and UV resistant adhesive tape.

Fastenings

For metal structures (thickness <0.85mm)	For wood		
Zinc or phosphate drill tip, fine point or sheet metal screw.	Zinc or phosphate CRS screw		
Spiral shank or helical nail (pallet type)	Panel thickness	Screws	Nails
	9,5 / 11,1	6x1 1/4"	2"
	15,1 / 18,3	6x1 5/8"	2 1/2"

The panels should be screwed or nailed directly in the wall structure. Panel joints should always be placed on a post. Use zinc or galvanized fasteners.

We recommend installing LP OSB HWRAP with screws since it makes the structure stronger.

Seals

LP delivers products with sealed edges to prevent the panels from deformation in their thickness by moisture absorption and subsequent damage of perimetral fastenings. For this reason, we recommend painting cuts and drills with opaque paint so as to reseal the panel.

Installation

LP OSB HWRap is generally installed vertically, but it is also possible to install them horizontally. In case of the latter, fix a joint support to longitudinally fasten the panel.

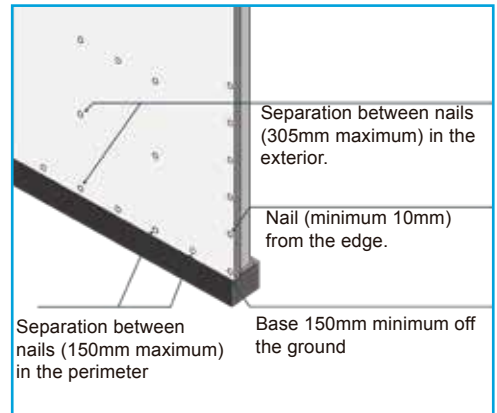
A moisture barrier should be placed between the bottom plate and the concrete reinforcement.

Between floors, use a moisture barrier that covers the support completely.

For panels that are 9.5 mm thick, the spacing between supports is 41 cm maximum and for 11,1mm ones it is 61cm maximum.

Always leave a space of 3 to 5 mm in panel joints to allow for their contraction and expansion.

Screw or nail panels 1cm away from the edge, every 15cm in the perimeter and every 30 cm in the interior supports.



Adhesive tapes used in the panels’ joint zone should withstand extreme outdoor conditions (UV rays, moisture and low temperatures). The tape used should withstand at least 3 months of exposure to continuous rain.

When installing the tape, you should be careful to clean the surface. It should be free of dust and oils that could diminish their adherence capacity, so that it can last over time.

We recommend using 3M’s Flashing 8777 or similar.

FINISH

This panel allows for the installation of siding such as: Vinyl siding, wooden sheds, fiber cement, veneer, etc; in home and commercial constructions, prefabricated and module homes.

IMPORTANT

We recommend following all the instructions in this guide before using the product. Should you have any questions, contact our technical support team at (+562) 2414 2200 or at contacto@lpchile.cl

PRODUCT

LP OSB HWRap is an OSB structural panel with a hydrofuge barrier. It is produced in Chile with the highest technology by LP Building Products, global leader in OSB panel manufacturing.

LP OSB HWRap has a grey finish side that should always face outside. This finish side incorporates a membrane saturated in phenolic resin that protects the panel from rain and allows the release of water vapor from inside to outside the home. This panel allows for a greater degree of exposure to the outdoor elements in rainy areas.

Hydrofuge capacity 11,6Mn s/gr.

R-Value:013 W/mk.

CHARACTERISTICS

Uses

The LP OSB HWRap structural panels have been especially designed for wall applications since they incorporate a hydrofuge membrane in one of their sides.

Format

- 9.5 mm 1.22 x 2.44 mt / 21.1 Kg / 84 un x pallet
- 11.1 mm 1.22 x 2.44 mt / 24.1 Kg / 72 un x pallet
- 15.1 mm 1.22 x 2.44 mt / 32.7 Kg / 53 un x pallet

Benefits

It protects the home before and after siding, protecting it from the wind and rain.

It releases moisture produced inside the home.

It integrates working areas and reduces both installation time and workforce.

STORAGE

LP OSB HWRap structural panels should be stored indoors in clean and dry areas, off the ground, with 3