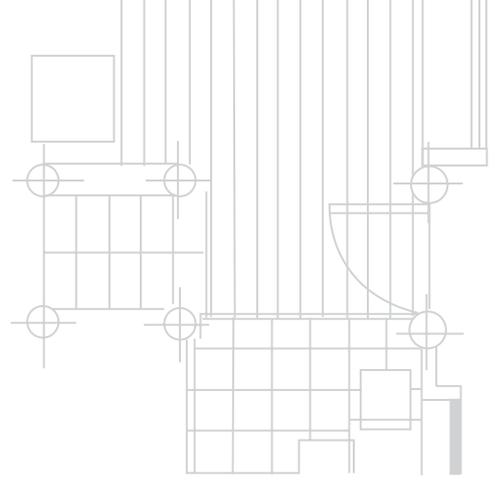


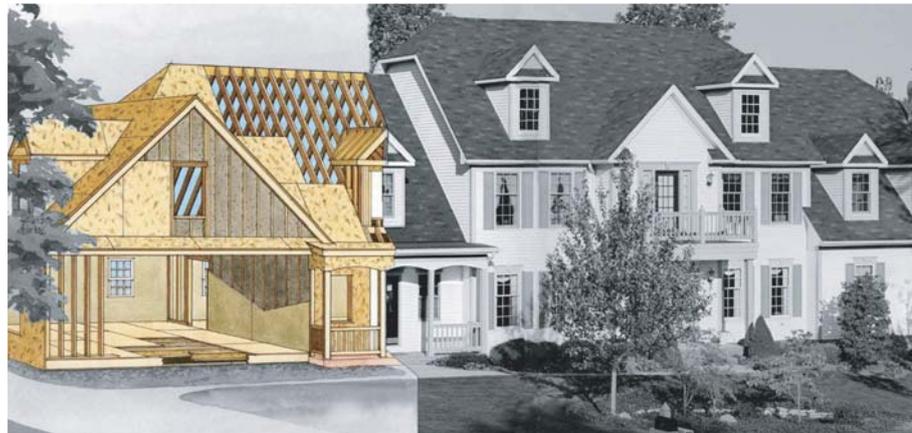


BUILDING PRODUCTS



materials to build better

LP OSB



LP OSB Standard

The most used structural board in the market

LP OSB Plus

It is the only structural board with protection against termites

LP OSB Guard

It is the only structural board with protection against termites and fungal decay

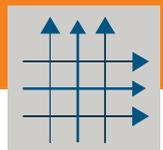
HOUSING STRUCTURAL BOARDS

(ORIENTED STRAND BOARD)



CMI

Civil Master International





BUILDING PRODUCTS

materials to build better



Structural boards for housing

LP OSB boards are produced in Chile with the highest technology by Louisiana Pacific (LP), world Leader in the production of structural boards of OSB. These ones are fully used in the world in roofs, walls and floors of residence and commercial building up to four storeys. Besides, the most outstanding characteristics of this building product make it the most chosen in housing expansion and remodelings They are also used in closing fences, temporary installation, pieces of furniture and packing.

WHAT IS THE LP OSB?

OSB boards (Oriented Strand Board) are structural boards designed with wooden rectangular flakes, which are or distributed in internal layers being perpendicularly oriented. It is necessary to highlight that if a board doesn't have crossed lamination as part of its design it may present random structural weaknesses, which are impossible to predict. This implies a high risk to the builders and the final customer.

The flakes are mixed with wax and binders. Afterwards they are submitted to high temperatures and pressures giving then origin to LP STRUCTURAL OSB boards of 8 x 16 feet. They have characteristics of resistance and rigidity, which are the result of a crossed layers lamination.

These characteristics are fundamental to obtain the certification as structural board for housing by the international entity APA (Engineered Wood Association, USA) which certifies more than 95% of the structural boards for housing in developed countries as USA and Canada.

Then, boards are measured, sealed in their edges (borders) and packaged in pallets for their later dispatch to the costumers.



As an outcome, boards free of knots and cracks, firm and uniform are obtained. They are easy to cut, to nail or to screw, using ordinary wood working tools. It is outstanding that one of the faces is rough, giving a nonskid characteristic in case of using in roofs and/or bigger specific area of adherence in case of using in walls and floors. The LP OSB structural family boards for building have different types of products according to the protection level that the user requires against termites and fungal decay. This protection will depend on the concentration of additives that the different boards have as Zinc Borate. (harmless to human beings)



LP OSB Standard

The most used structural board in the market.

Orange color edge

LP OSB Plus

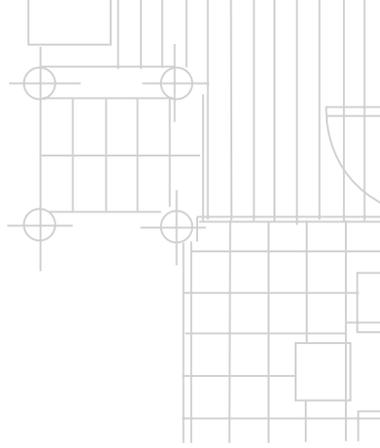
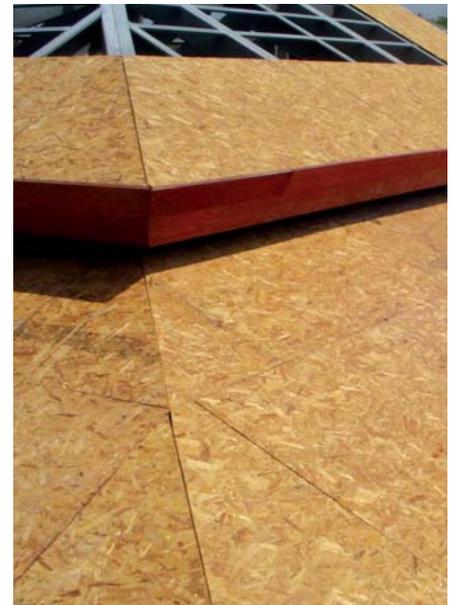
It is the only structural board with protection against termites.

Yellow color edge

LP OSB Guard

It is the only structural board with protection against termites, fungal decay and fire retarding.

Cherry red color edge





BUILDING PRODUCTS

LP OSB Standard

(Orange Sealed Edge)



LP OSB Plus

(Yellow Sealed Edge)



LP OSB Guard

(Cherry Sealed Edge)



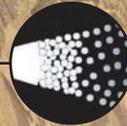
APA Certification

(Engineered Wood Association)
It is a quality seal for structural fulfillment of normative of USA. It is an Entity that certifies the greatest quantity of structural boards in the world.



Binders

Phenolic resins on the surface and MDI in the core, assure a high internal adhesion of the flakes and an appropriate outer resistance that allows construction.



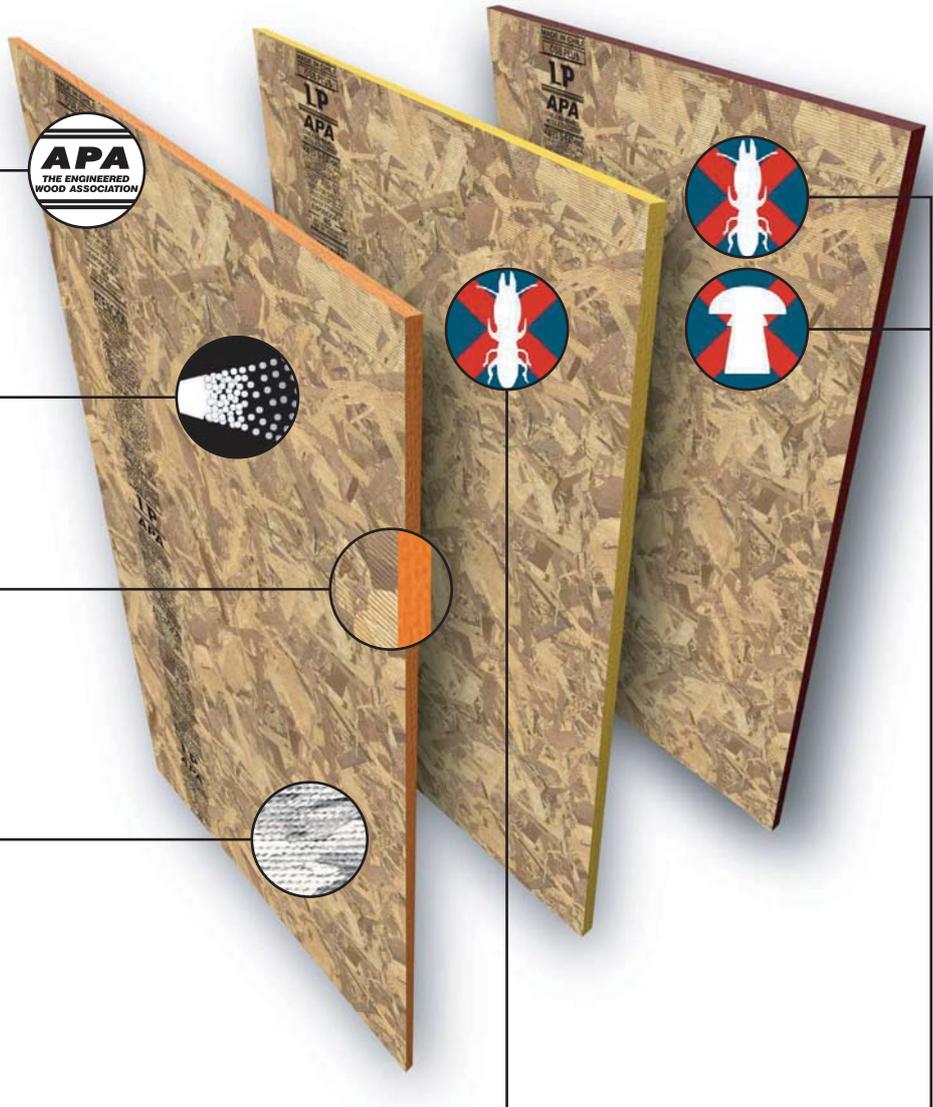
Color Edge

The color of high visibility highlights the edges of boards preventing accidents during manipulation. It also allows an easy checking board plumb during installation. Being also a seal that avoids the intrusion of moisture in the edge.



Rough Face

For your safety LP has designed a NONSKID face minimizing slippery falls from roof facilities. This roughness also increases the specific surface and gives better adherence in the moment of applying a finishing in walls and floors.



Protection against Termites

It is treated with natural additives (Zinc borates) harmless to humans but lethal to termites.

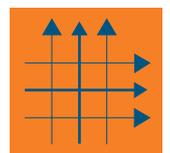
Resists Termites and Fungal Decay

Triple concentration of Zinc borates crystals, additive that is lethal to termites, prevents fungal decay and acts as a fire retarding.

Format Type:	1.22 x 2.44 m.
Special Format:	1.22 x 4.88 m.
Thickness:	9.5 mm 11.1 mm 15.1 mm
LP OSB Floors T&G (tongued and grooved)	18.3 mm
Boards by Pallet	84 Units 72 Units 63 Units 45 Units
Weight by piece	20.4 kg 22.8 kg 30.5 kg 35.9 kg

HOUSING STRUCTURAL BOARDS

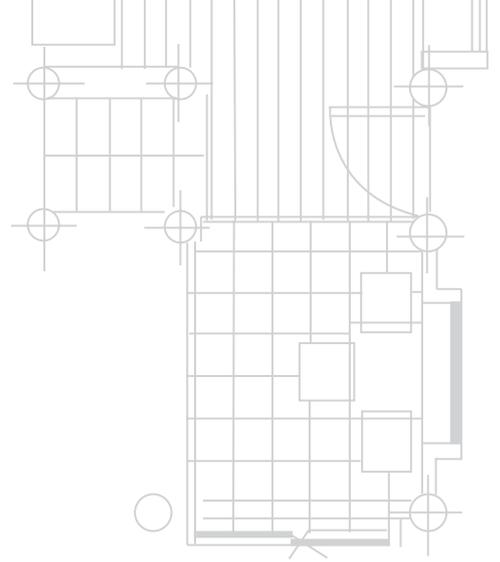
(ORIENTED STRAND BOARD)





BUILDING PRODUCTS

Installation Detail



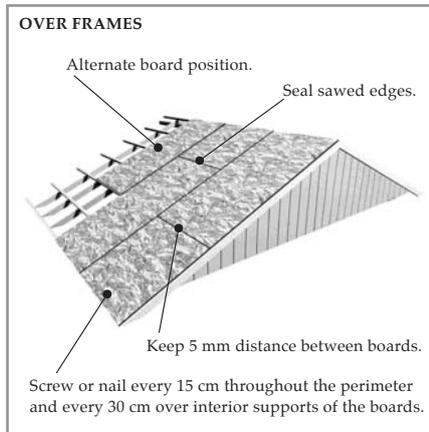
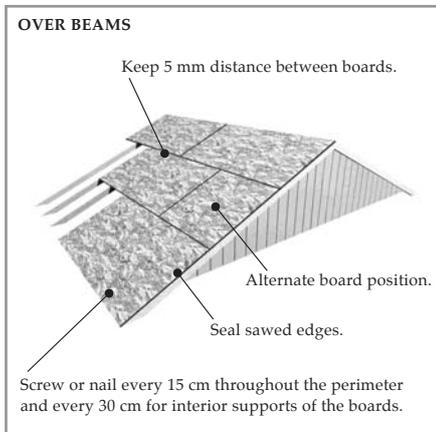
S / APA Graduation	Thickness (mm)	Maximum Span (mm)		Board Type
		Roofs	Floors	
Rated Sheathing 16/0	9.5	406	Not applicable	
Rated Sheathing 24/16	11.1	610	406	LP OSB Std, Plus, Guard
Rated Sheathing 40/20	15.1	1016	508	

TABlero ESTRUCTURAL HABITACIONAL
CERTIFICADO APA
 GRADO DE EXPOSICIÓN Exterior Protegido

ESPEsor 11.1 mm.
 APOYOS CADA TECHO 60 cm.
 PISO 40 cm.

ATENCIÓN
 SEPARACION ENTRE TABLEROS 3 MM
 FIJAR A 10 MM DEL BORDE
 ORIENTACION PERPENDICULAR A LOS APOYOS
 ESTABILIZAR A HUMEDAD AMBIENTE ANTES DE USAR

ÁTICOS DEBEN TENER VENTILACION
 LADO RUGOSO AL EXTERIOR
 MAYOR INFORMACION D. TÉCNICO LP 56-2-3783300



► Other LP Building Products

LP SmartSide
 LP Concrete Form



Civil Master International Co., Ltd.

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www.LPChile.cl