

# FACADE

## DESCRIPTION

Product suitable for indoor and outdoor use (without direct contact with the floor), cladding, furniture, saunas, etc.

SPECIES OF WOOD

Pinus Sp.

### TREATMENT

Thermally modified wood is a long-lasting and ecological material, providing a high-quality alternative that is naturally durable. It is produced through a technologically advanced process that is equivalent to Thermo D, where the natural wood is subjected to high temperatures that modify the basic structure of its cellular wall, thus reducing the hygroscopicity of the wood and consequently obtaining greater natural durability and dimensional stability. It is a product free of resins and chemicals, and may contain knots or other peculiarities of the species. In areas susceptible to termites, adequate protection is recommended.

The heat treatment gives the wood a warm and dark shade.

### PHYSICO-MECHANICAL PROPERTIES

### STANDARDS

Density	530 +/- 50 Kg/m <sup>3</sup>	UNE-EN 408:2011+A1:2012; UNE-56-531
Humidity	4,5-7 %	UNE-EN 408:2011+A1:2012; UNE-EN 13183-1:2002
Tangential shrinkage coefficient	4,65%	UNE-EN 56533:1977
Radial shrinkage coefficient	1,91%	UNE-EN 56533:1977
Impact resistance (Charpy)	31,74 KJ/m <sup>2</sup>	UNE-EN ISO 179-1:2011; UNE-CEN/TS 15679:2009
Indentation resistance (Brinell)	2,11 Kp/mm <sup>2</sup>	UNE-EN 1534:2011
Thermal conductivity (λ) in (W/m.k)	0,10-0,13	UNE-EN 14915:2013+A1:2017
Durability against xylophagous fungi	2-durable	UNE-EN 350:2017
Durability against xylophagous beetles	D-durable	UNE-EN 350 2017
Fire performance	Class D-s2, d0	UNE-EN 14915: 2013+A1:2017

## DIMENSIONES

Profile	Length (mm)	Width (mm)	Thickness (mm)	Surface	THT
	2400	85	20	Fachada THT combi clip	●
	2400	120	20	Fachada THT PDL	●
	2400	140	20	Fachada THT UTV	●
	2400	120	20	Fachada THT UYL teja	●
	2400	70 / 45 (Total unido 103)	26 / 15	Fachada THT 3D multi listón liso	●
	2400	140	20	Fachada THT duplo	●
	2000	50	50	Fachada THT esquinial	●
	2400	40	26	Listón S4S	●
	2400	140	20	Fachada THT triplo pino silvestre	●
	2400	140	20	Fachada THT STV pino silvestre	●
Tolerances mm* UNE EN 13.353	± 5	± 0,5	± 0,5		



OUTDOOR USE WITHOUT DIRECT CONTACT WITH THE GROUND AND WITHOUT PERMANENT ACCUMULATIONS OF WATER.

## INFORMATION

Material from responsibly and sustainably managed forests accredited with the PEFC label™.

Wood is a natural, decorative and aesthetically pleasing product that is constantly moving, expanding and contracting to seek balance with the equally changing environmental conditions. One of the characteristics of heat-treated wood is its greater stability and therefore lower shrinkage coefficients, which must be taken into account in the construction solution. These movements together with the internal tensions of the wood can lead to the appearance of small cracks. To improve durability, treatment with a suitable protective product is recommended.

Each piece of wood may have a distinct pattern and characteristics that enhance its natural beauty. The markings on the wood may vary from the samples shown here and their tonality may vary over time. Variations in the characteristics and colour of the wood cannot be considered a defect, they are

unique characteristics of a natural and biological product.

### TREATMENT OF WOOD

The original colour of the wood undergoes variations with exposure to light as it evolves over time. It is recommended to condition the wood prior to installation in the place where it is going to be installed. An oil or lasur suitable for this type of material should be applied. Proper maintenance must be ensured throughout the life of the product. In areas susceptible to termites, adequate protection is recommended.

\*The tolerance data correspond to the planing and machining process. This value may be subject to variations during autoclave treatment or if the environmental conditions vary considerably, so it is advisable to condition the wood prior to installation in the location where the assembly is to be carried out.

