

Verso impregnated sawn timber

Impregnated sawn timber is ideal for outbuildings that must be weatherproof. When selected according to the intended use, impregnated wood is a safe solution that lasts year after year and lengthens the service life of the structure. Impregnating agents free from chrome or arsenic provide effective protection against mould and insects.

WOOD TYPE:	Pine (Pinus Sylvestris)
IMPREGNATING AGENTS:	Copper-based salt impregnant and colourant used together with the impregnant in Verso Brown.
MOISTURE CONTENT:	Air-dried, artificial drying as needed.
USES:	Class A: Structures in direct contact with soil, water, or concrete, such as piers, poles, fence posts, and load-bearing structures. Class AB: Overground structures such as decks, outdoor furniture, and exterior cladding.
PROFILES:	Planed and rounded, planed and rounded with grooves, planed and rounded with a bevel. Rough sawn, dimensional, planed or grooved profile.
CERTIFICATIONS:	EN 351/EN 335:NP5/UC4, NTR Class A or EN 351/EN 335:NP5/UC3, NTR Class AB. Impregnation quality is monitored by an external party.
STANDARD DIMENSIONS:	Terrace/decking boards 28x95, 28x120, 28x145 mm. (Class AB) Structural timber 48x98, 48x123, 48x148, 48x198 mm. (Class A)



Versowood Oy, Sahatie 1, FI-19110 Vierumäki, Finland www.versowood.com, tel. +358 10 8425 100

Versowood's annual turnover is approximately EUR 508 million, and we employ a total of around 900 people in our 14 units in Finland and one unit in Estonia. Versowood produces approximately 1.3 million m³ of sawn timber annually. In addition, the company manufactures various kinds of downstream sawn timber products, such as planed, painted and impregnated products, glulam products and glulam structures, telephone transmission line supports and electricity transmission line supports, wooden bridges, noise barriers, various kinds of wood packaging as well as forest energy and wood pellets.

Important information about pressure-saturated sawn timber

- When machining impregnated wood, safety gloves, a respirator, and safety goggles must be worn.
- Impregnated wood must never be used in contact with drinking water, for sauna interior structures, or for wooden structures used for beekeeping.
- Impregnated wood is not recommended for use adjacent to wells or in areas where the chemicals in the impregnating agent can leach into groundwater.
- If wood used for interior structures becomes damp during construction, it must be allowed to dry before sealing and covering.
- If subjected to moisture for prolonged periods of time, mould may start to grow on the surface of various materials, including impregnated or untreated wood. Mould can be removed from impregnated wood surfaces by washing the surface with a suitable detergent and water.
- Impregnated wood must not be burned.
- Wood waste containing impregnating agents and disused impregnated wood should be sorted and collected for recycling or disposed of according to the local environmental authorities' regulations.

Maintenance and surface treatment

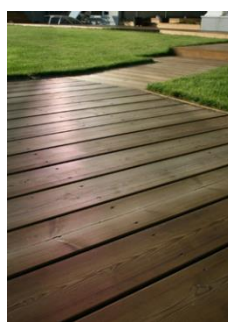
If designed and built professionally, impregnated wood structures can have a long service life. The surface of impregnated wood can be treated in various ways with paint or oil. Before surface treatment, the wood must be dry. For painting and staining, products suited for impregnated wood should be used. Observe the instructions and recommendations of the surface treatment agent manufacturer.

Protecting machined surfaces

For added protection against mould and other damage, surfaces that have been machined should be treated with a protective agent. Placing machined surfaces directly against the ground or in contact with water is not recommended.

Suitable fasteners

We recommend using stainless steel fasteners and nails, or fasteners specifically intended for use with impregnated wood. When inserting screws close to the edge or end of a piece of sawn timber, using pre-drilled guide holes is recommended. Aluminium fasteners are not recommended for impregnated wood. Dry impregnated wood can be glued using a suitable wood glue.



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