

PrimaTimber

IMPREGNATED TIMBER

RAW MATERIAL AND STANDARDS

PrimaTimber's raw material comes from responsibly managed forests:

- Raw material: Pine (*Pinus sylvestris*)
- Certificate: PEFC-COC-FIN-1518

Finotrol Oy monitors the compliance of impregnation in PrimaTimber products:

- EN-standards: 351-1 and 335-1
- We impregnate according to the guidelines and requirements of the Nordic Wood Protection Council (NTR)
- The impregnation agent is approved by Tukes (Finnish Safety and Chemicals Agency)

IMPREGNATION TO CLASS A OR AB

Pressure impregnation significantly enhances the wood's resistance to fungal decay, providing enhanced durability and long-term performance compared to non-treated timber.

- **Preservation A:**



Suitable for ground contact and environments subject to moisture exposure, including structural elements of decks and jetties, using products with a minimum thickness of 48 mm.

- **Preservation AB:**



Suitable for above-ground applications, including deck boards for terraces and jetties, using products with a cross-section under 48 mm.

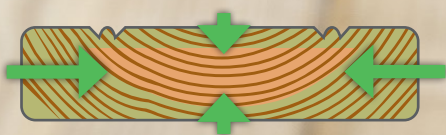
PRODUCT RANGE

All PrimaTimber products are treated using the same pressure impregnation process and preservatives:

- Sawn timber | Planed timber | Fence posts
- Available in various sizes and lengths across all product categories, including strength-graded options.

The best possible protection against wood decay:

- Our products are pressure-treated deep into the heartwood to ensure maximum resistance to fungal degradation.



Colour options:

- Green or brown, where the colour pigment is included in the preservative
- Other colours available through surface treatment



PrimaTimber product dimension and profile options:

www.primatimber.fi.iivarimononen.fi/en/products/



FEATURES

- Wood is a natural material and contains knots. The size, quality, and quantity of knots can be influenced by selecting the appropriate grade of timber based on the requirements of the application.
- As wood dries, it may crack and/or warp. Local resin exudation is also possible.
- Ensure adequate air circulation during storage.
- Surface mould may form on treated wood in poorly ventilated areas. This can be removed by washing and does not affect the structural integrity or decay resistance of the wood.
- UV radiation from sunlight causes the wood surface to grey over time.
- Pressure-treated wood ignites and burns slowly.

INSTALLATION

- Use stainless steel fasteners or those specifically designed for use with treated wood.
- Always install decking boards with the heartwood facing upward. The groove profile of PrimaTimber products is always planed on the heartwood side.
- Treated wood may be moist after impregnation. As it dries, the wood will shrink, and the installation gap between boards may increase. This should be taken into account during installation.

WORKING AND MAINTENANCE

Treated wood can be processed using standard woodworking tools. However, please note:

- Pressure treatment protects the wood against decay. Any cut or machined surfaces should be treated with suitable preservatives.
- Pressure-treated wood can be surface-treated or oiled using products specifically designed for it. Surface treatment helps maintain the wood's appearance and makes it easier to care for.
- The wood must be dry and clean before surface treatment.
- Ensure the surface is properly cleaned using appropriate cleaning agents before treatment.

FOR OUTDOORS USE ONLY

- Ensure appropriate personal protection when handling wood. For example, use protective gloves and a respirator.
- Treated wood is not recommended for direct contact with food or containers used for food storage.



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PrimaTimber Oy is a member company of the Finnish Wood Preservation Association.

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<https://primatimber.fi.iivarimononen.fi/en/>

TIMBER IMPREGNATION PROCESS

