



OrganoWood® Nowa construction timber

Quick facts

Product: OrganoWood® Nowa studs, posts, battens

Appearance: Wood colour pine, ages naturally

Rot protection: Tested in compliance with the requirements of EN 113-2 and EN 84. Durability class 1, as defined in EN 350.

Form stability: Expands/contracts approx. 1% at 4% moisture ratio change

Dimensions: Studs: 45x45, 45x70, 45x95, 45x120C24, 45x145C24, 45x170C24, 45x195C24, 45x220C24. Strength grade C24 is stamped on the timber.

Posts: 70x70, 95x95. Battens: 28x45 mm

Environment: Contains no substances that are classed as harmful to the environment.

Certificate: All OrganoWood® timber is certified as compliant with FSC® (FSC-C120532) or PEFC (ODEB./4,24,057)

Application areas: Outdoors above ground

Recycling: As untreated timber

Warranty: 10-year rot protection warranty as specified in the Warranty Certificate

Product description

OrganoWood® Nowa timber has a natural colouring that turns grey naturally over time outdoors.

The timber is pressure treated with OrganoWood's new patented formulation to give it outstanding resistance to fungal attack and rot. The biocide-free formulation used in the energy-efficient process is gentle on the wood and makes it inhospitable to wood decay fungi.

The water-based mix of minerals is forced into the wood under pressure. When the water evaporates, the molecules form strong bonds with the wood fibres. This ensures a long life for the properties of the wood in damp conditions.

The raw material for OrganoWood® Nowa comes from the best pine forest regions.

OrganoWood® Nowa is the result of the company's innovation efforts that were launched in 2015 and has been tested since 2017.

OrganoWood® Nowa can be painted - always test on a sample piece first. We recommend using outdoor paint that is Nordic Swan Ecolabelled or EU Ecolabel certified. Follow the paint manufacturer's recommendations. Make sure the wood is dry and ventilated before painting, and that the wood has a surface moisture content of no more than 16%.



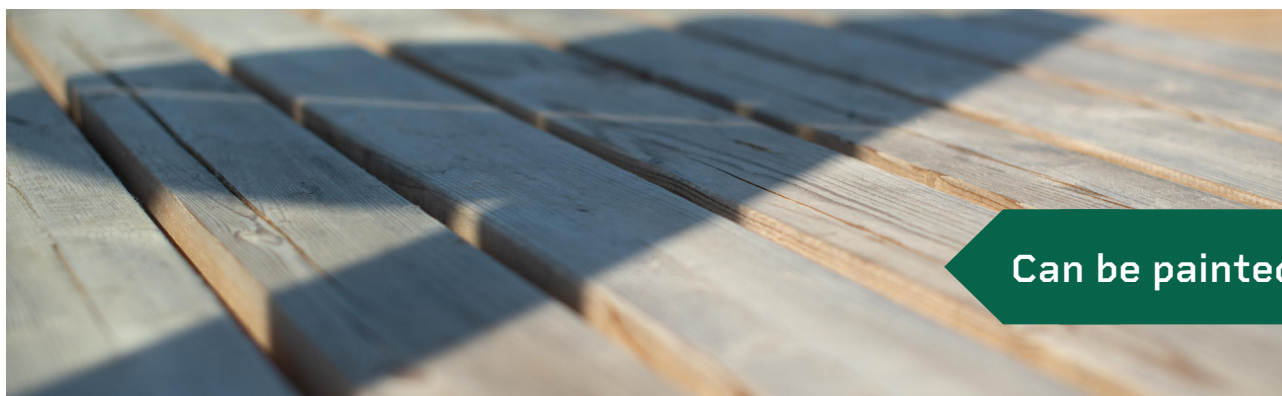
The information and guidelines in this product data sheet are based on the product's safety data sheet, OrganoWood AB's test results and accumulated experience. OrganoWood AB does not take any responsibility for incorrect use of the product.

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Valid from 01/01/2025. The latest version of this product data sheet is available for viewing at www.organowood.com



OrganoWood®



Can be painted!

Application areas

OrganoWood® Nowa is suitable for outdoor, above-ground use, such as decks, jetties, fences, etc. The studs are ideal for construction of wooden decking together with OrganoWood® Nowa decking timber.

Environment and recycling

OrganoWood® Nowa only contains substances that can be returned to the natural cycle. The timber does not need to be recycled as environmentally hazardous waste, but can be recycled as untreated timber in accordance with local regulations. All substances in timber are classified as environment-friendly according to the CLP Regulation (EC no. 1272/2008).

Surface treatment and maintenance

If it is necessary to saw, cut or make holes in the timber, you should treat the cut sections with OrganoWood 02 Surface Protection or other wood protection oil in authorization class 3.

Tests and classifications

OrganoWood® Nowa decking timber has undergone extensive testing at an accredited third-party facility. The timber has been tested for resistance to rot in accordance with the European standards EN 113-2 and EN 84 and, based on the results of these tests, has been given durability class 1, as defined in EN 350.

Painting

OrganoWood® Nowa can be painted - always test on a sample piece first. We recommend using outdoor paint that is Nordic Swan Ecolabelled or EU Ecolabel certified. Follow the paint manufacturer's recommendations. Make sure the wood is dry and ventilated before painting, and that the wood has a surface moisture content of no more than 16%.

If the wood has been treated with the OrganoWood wood protection system, it is not possible to paint it.

Greying process

Timber greys naturally outdoors, but the greying process can differ during the seasons depending on the weather conditions and exposure to sunlight and moisture. In some cases, the timber may look speckled or have dark spots/patches to begin with. This evens out relatively quickly. The greying process takes longer or does not occur at all if the timber is fully protected from sunlight, for example, under a balcony. Wood installed horizontally (e.g. decks) often turns grey faster than wood that is installed vertically (e.g. fences).

Facts about wood

OrganoWood® - the technique is particularly suited for modification of pine and spruce. Pine is traditionally used for patios and structures and spruce for panels. These woods contain knots with a structure that can appear differently from instance to instance. As wood moves in relation to the air's moisture ratio and temperature, cracks can occur and the knots fall out during dry periods. Any cracks usually close up when the humidity increases.

Warranty

OrganoWood® Nowa has a 10-year rot protection warranty as specified in the Warranty Certificate provided by OrganoWood AB. The warranty applies to all OrganoWood® Nowa that is produced by approved manufacturers. The warranty certificate is obtained at the point of purchase.

Cleaning/Maintenance

The decking should be cleaned annually, or as needed, using water, a brush, and a detergent (e.g., OrganoWood Wood Cleaner). Do not use grease-dissolving agents. Use normal water pressure, not high pressure. When the wood is dry, it is recommended to follow up with treatment. It is important to ensure that the treatment is carried out when the wood is properly dry (maximum surface moisture content of no more than 16%). Follow the manufacturer's instructions.

