



OrganoWood® Nowa studs, posts & battens

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 (1701334)

Application areas: Outdoors above ground

Recycling: As untreated timber

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

Painting: Nowa can be painted - always try painting a small sample first. Use a paint that is intended for outdoor use. Follow the paint manufacturer's recommendations

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.



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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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

When cutting, sawing or boring the timber, the freshly exposed surfaces must be treated with OrganoWood® 01 Protection. For best results, visible end grain should also be treated with OrganoWood® 02 Repellent

Painting

OrganoWood® Nowa can be painted - always try painting a small sample first. Use a paint that is intended for outdoor use. Follow the paint manufacturer's recommendations. Make sure that the timber is dry and in a well-ventilated space before painting. We recommend waiting at least 12 weeks after construction before painting.

Timber that has been treated with OrganoWood® protection system cannot be painted!

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.

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.

