



OrganoWood® Nowa decking timber

Quick facts

Product: OrganoWood® Nowa decking timber

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: 22x95, 28x95, 28x120, 28x145, 34x145, 45x145, 45x170

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

Certificate: All OrganoWood® decking timber is certified as compliant with FSC® (FSC-C120532) or PEFC (PEFC/05-35-168)

Areas of use: Outdoors above ground

Recycling: As untreated timber

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

Product description

OrganoWood® Nowa decking is a natural colour timber with a smooth and even surface that naturally turns grey when exposed to the outdoor elements.

The timber is pressure treated with OrganoWood's new patented preservative to give it lasting resistance to rot attack. The energy-efficient production process uses a biocide-free formulation that is gentle on the wood and makes it inhospitable to wood decay fungi.

The water-based mineral formulation 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 pine raw material for OrganoWood® Nowa decking timber comes from the best pine districts in northern Sweden.

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%.





Areas of use

OrganoWood® Nowa is suitable for outdoor, above-ground use, such as decks, jetties, fences, bridges, roof terraces, walkways, garden furniture, acoustic fence panelling, pergolas, playgrounds, etc.

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 according to local regulations. All substances in the timber are classed as non-hazardous to the environment under the definition of 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.

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. After about 1 year, OrganoWood® Nowa timber will have a grey appearance if exposed to direct sunlight outdoors. 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).

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.

Facts about wood

Pine is a soft wood that offers many advantages as it is easy to work with and has a low density.

OrganoWood® – the technique is particularly suited for modification of pine and spruce. Pine is traditionally used for decking and structures and spruce for panels. The structure of the knots that naturally occur in these woods usually differs from one to another. The humidity and temperature of the air cause wood to expand and contract and, as a result, cracks may occur and knots may fall out during dry periods. 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 can be 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 16%). Follow the manufacturer's instructions.