

ORGANOWOOD® CLADDING PLUS

PRODUCT DATASHEET

The information in this product datasheet includes guidelines for OrganoWood® Cladding Plus timber that comes from OrganoWood AB's test result and collected experiences about the product. OrganoWood AB does not take any responsibility for incorrect use of the product. The latest version of this product datasheet is available on OrganoWood AB's website: www.organowood.com.



QUICK FACTS

Product: OrganoWood® Cladding Plus timber.

Appearance: Wood coloured spruce, ages naturally.

Rot protection: Tested according to SS-EN 84, SS-EN 113 and classified according to EN 350-1.

Dimensions: See brochure & drawings on www.organowood.com.

Environment: Contains no substances that are classified as harmful to the environment. Assessment B by Sunda-Hus and recommended by Byggvarubedömningen and BASTA. Registered in the Nordic Swan's house product portal.

Certificate: OrganoWood® Cladding Plus timber is FSC® (FSC-C120532) or PEFC certified.

Application areas: Outdoors.

Recycling: As untreated timber.

Warranty: 10-year rot protection warranty according to the warranty certificate.

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PRODUCT

Product description

OrganoWood® Cladding Plus timber is a natural coloured, environmentally classified timber with a high resistance to rot attack.

The raw material is Nordic spruce that is modified using the award-winning and patented Organo-Click® technology for the modification of biofibres. The process has been developed with inspiration from the natural fossilization process where minerals penetrate and mineralise organic materials. Using the technology, silicon substances are bound to the wood fibres under high pressure and create an environment where wood-decay fungi do not thrive. Penetration of the silicon based impregnation liquid occurs in the sapwood to create optimal protection. The timber has also been treated with OrganoWood® Repellent 02. Dirt and water repellent, which gives greater form stability as well as a reduced risk of surface growth that is easier to clean.

As the silicon substances bind to the timber through chemical binding, the properties remain after long-term use in rainy or damp environments.

Environment and recycling

OrganoWood® Cladding Plus timber contains only substances that can be returned to the natural cycle. So 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 timber are classified as environment-friendly according to the CLP Regulation (EC no. 1272/2008). The timber has also received assessment B by SundaHus and recommended by Byggvarubedömningen and BASTA.

OrganoWood® Cladding Plus timber is listed in the Nordic Swan's house product portal and can be used in Nordic Swan Ecolabelled projects.

Warranty

OrganoWood® Cladding Plus timber has a 10-year rot protection warranty according to the Warranty certificate issued by OrganoWood AB. The warranty applies to all OrganoWood® modified panel timber that is produced by approved manufacturers. The Warranty certificate is obtained at the point of purchase.

Application areas

OrganoWood® Cladding Plus timber is designed for use outdoors.

Surface treatment and maintenance

In the event cutting, making holes and other minor processing of the timber, the processed surfaces must be treated with OrganoWood® 01. Protection: flame and rot protection. For the best results, also treat visible end wood with OrganoWood® 02. Repellent: dirt and water protection.

In order to maintain the water repellent effect, the timber should be treated every ten years or when necessary using OrganoWood® 02. Repellent.

OrganoWood® Cladding Plus timber must not be painted.

For more technical information see the product datasheet for each OrganoWood® surface treatment product.

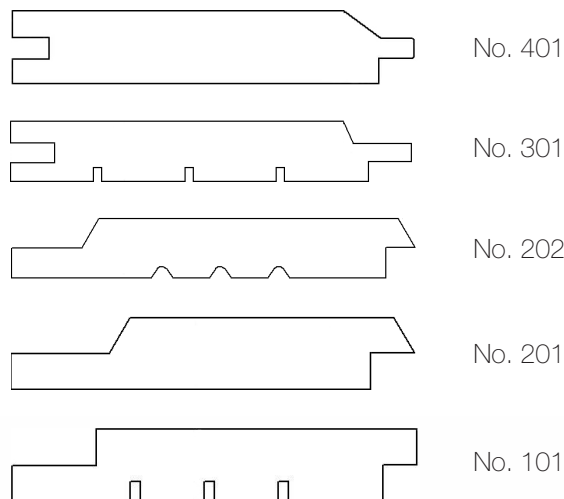


FACTS ABOUT WOOD

» OrganoWood® is primarily adapted for modification of pine and spruce. Pine is traditionally used for patios and structures and spruce for panels. Spruce is used as raw material for exterior cladding on buildings thanks to its good properties, low weight, good strength, small and round knots as well as low moisture absorption. 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.

» Cloven centre yield from spruce that is sawn from dried raw material is used for OrganoWood® Cladding Plus timber. The boards are planed to the finished size, profile and receive the fine sawn surface before it is impregnated with OrganoWood® modification. OrganoWood® outer panels are available in several profiles. Examples are illustrated to the right. For comprehensive profile information see the cladding brochure or visit www.organowood.com.

» Timber that is placed outdoors turns grey naturally but the greying process can appear differently during the seasons and depending on the weather conditions. In some cases the greying may initially be perceived as speckled or as dark spots/fields, but this evens out relatively quickly. The grey process is slower or there is no greying on a panel that is positioned fully protected from the sun, for example, under a balcony.



The instruction applies during the period 01/01/2019 – 31/12/2019

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