

Deep-penetrating acrylic impregnate



Specification

- It penetrates deeply in the wood fibres.
- It gives reliable protection against weather effects and moisture penetration, protects wood against mould, fungi.
- It prevents the formation of pests and wood rot.
- It creates coating which emphasizes structure of the wood and it's natural beauty.
- The colors of the product are durable.

Sphere of application

It is intended for decorative and protective coating of polished and non-polished wood or ligneous surfaces (facades of the buildings, elements of fencing, shelter range, terraces, balconies, panels, blocks, doors, window frames, furniture, etc.) indoors and outdoors.

Technical data

Consumption standard of 1 layer	50-150 ml/m ² , depending on the kind of wood and way of application
Consumption standard for full spalling	200-250 ml/m ² , for achieving optimal properties of the coating
Thinner	Water. Is ready to use and doesn't require diluting
Application	A brush, a roller or a sponge. Apply (shake on) along the wood fibers
Drying period (23 °C, 50% RH)	1 hour. Drying period increases if the temperature is getting down and relative air humidity is increasing.
Solids content (DSTU ISO 3251)	ab. 16-18 %, depending on the color
Density (DSTU ISO 2811-1)	ab. 1.02-1.04 g/cm ³ , depending on the color
Warranty period	24 months from the date of manufacturing (at the temperature from +5 °C till +35 °C)
Packaging	0,75 l, 3l
Color	white, colorless, wenge, walnut, oak, green, carpathian spruce, chestnut, brown, mahogany, olive, pine, teak natural.

Composition

Modified acrylic emulsion, pigment pastes, water, wax, additives.



Application instruction

1 Preliminary preparation

The surface shall be smooth and dry. Clean of dirt, grease, resin, dust, blue stain, decay, old paint coatings and other dirt thoroughly.

2 Application

Stir the product thoroughly before application. The impregnate is ready to use and doesn't require diluting. Application is performed at the temperature from + 10 °C till + 30 °C and relative air humidity no more than 80%. Do not apply the product under direct sunlight, strong wind, frost and atmospheric precipitation. The surface shall not be affected by atmospheric precipitation and sub-zero temperatures for 24 hours after coating.

The recommended application of the product is 2-3 coats. Each next coat shall be applied within 4 hours after the last applied one. If the period of intermediate applying is neglected the further application of the coat can be complicated with its hydrophobic property.

An application rate of the first coat: polished wood - from 50 g/m² till 100 g/m², non-polished wood - from 100 g/m² till 150 g/m². The application rate of the further coats is 50 g/m² till 100 g/m². Consumption of the impregnate depends on the species and quality of wood and also on the way of application. Complete consumption of the product shall be from 200 to 250 g/m² for receiving optimal protective properties.

It is recommended to test the chosen shade of the color on a small area of the surface before application. In case you achieve desired color shade with smaller consumption it is recommended to apply next coats with colorless impregnate.

3 Tool cleaning

Clean tools with water after application thoroughly.

SAFETY

Do not mix with other products and (or) organic solvents! Keep in tightly closed original containers at the temperature from +5 °C till +35 °C. Keep out of moisture, direct sunlight, frost and out of reach of children. During application use personal safety gear (work clothes, rubber gloves, a respirator and safety glasses). If application is indoors well-arranged ventilation shall be provided. If skin contact, wash thoroughly with water and soap. If eye contact, rinse with plenty of running water. Consult a doctor if necessary. VOC content: cat. A/e (WB): <130 g/l. Actual VOC content ≤ 20 g/l. More detailed information you can read from the safety data sheet. The product has a sanitary-epidemical conclusion of the state expertise.

ENVIRONMENTAL PROTECTION

Do not empty into drains, ponds and in soil ! Liquid rests shall be delivered to the waste drop-off point. Rests of dry products and empty containers shall be recycled as common construction waste, in accordance with the Law.

The authenticity of this information is based on laboratory testing and practical knowledge. Quality of materials corresponds completely to demands of SSU 24.3-32318370-009:2011. As a manufacturer the company isn't responsible for damage caused by wrong application of the product. Applicability of the product for specific purposes should be defined by consumer himself. Current information loses validity with the issue of a new edition.

