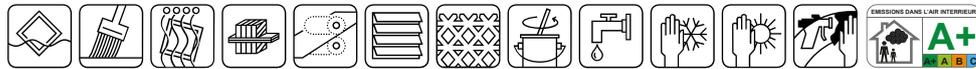


WPC IMPREGNATE

TECHNICAL SHEET



PRODUCT INFORMATION:

Product features

Water-based, transparent, mat varnish for use as a primer, intermediate and final coat for oil finishing of composite elements. To be used as a three-coat system applied from a single container

- for interior and exterior use
- leaves pores open
- high vapor permeability
- UV protection
- tested according to DIN EN 71 part 3 "Safety of toys"

Gloss type	Mat
Binder	Combinations of alkyd and acrylic resins
Pigment base	Lightfast, weather-resistant glazing pigments
Density	approx. 1.00–1.03 kg/L
Packaging	1 L

USE:

Application

dipping, pouring, brush painting, machine coating, Vacumat®

Consumption

80–150 ml/m², depending on application method and composite the absorbency grade (exact values should be obtained experimentally). No excess product should remain on the surface following application.

Diluent

Ready-to-use. Do not dilute.

Application temperature

15–25°C for substrate, air and material; approx. 60% relative humidity

Drying time

Drying at:	Normal climate: 23°C/50% RH	Accelerated conditions at 40°C
Dust dryness	approx. 30 minutes	approx. 30 minutes
Sandability	approx. 4 hours	approx. 60 minutes
Next layer application	approx. 4–6 hours	approx. 1–2 hours

Drying

Drying of the material depends on the thickness of the applied layer and may be delayed in cases of composites containing high quantities of additives or in cold and humid weather. Attention should be paid to adequate temperature and air exchange while drying. The coating layer may be damaged when dried under inappropriate conditions.

Tool cleaning

Clean immediately after use with water, possibly with the addition of standard household washing liquids.

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STORAGE AND DISPOSAL:

Storage

The minimum shelf life of the product is 2 years when stored in the original, unopened package. Store at +5 to +30 °C. The product may remain suitable for use after the shelf life, although its properties may differ from the "fresh" product; therefore, subsequent coats should be applied with special care. Keep containers tightly sealed once opened. Store in a cool place; protect from frost.

Disposal

Recycle only containers containing no product residue. Recycle leftover material according to local regulations. The EU waste code for this material is: 08 01 12

Safety data sheet

For more information see the safety data sheet according to 91/155/EEC

Warnings

Always read the label and product information before use. Also, standard safety precautions must be observed when processing varnishes/paints containing low quantities of hazardous substances.

VOC Directive

EU limit value for this product (cat. A/e): 150 g/L (2007) / 130 g/L (2010). This product contains a maximum of 50 g/L of VOCs.

Recommendations for use

To maintain the shade of the coating (depending on weather conditions), the coated surface should be renewed each year. If no new coat is applied, the composite color will naturally turn to gray.

Basic principles

When using Bergdeck coating products, the composite moisture content should be between 12% and 15%. The choice of the composite, the structure and the thickness of the applied layers must comply with applicable technical standards. All horizontal surfaces must be oriented with a bevel of 15°, and all edges must be rounded with a radius of at least 2 mm. Joints and exposed frontal sections must be protected to prevent water penetration into the structure. The substrate must be clean, dry and degreased. Consideration must be given to the choice and application of appropriate coatings, particularly with regard to their shade. Darker colors may result in higher surface temperatures (up to 80°C).