

ASPHALT VARNISH A1010

Humidity barrier paint

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Composition Dispersion of asphalt, polymer resins and oils in organic solvents.

Characteristics and use The product is determined for protective coatings of steel, cast iron, wood, concrete and plaster against moisture. It is used especially where permanent flexibility of the waterproofing coating is required. Coating of wood and metal can be done only without claim to aesthetic appearance. The coating is resistant against mechanical influences and water. It is not resistant against organic solvents and temperatures above 40 °C. The product is not intended for coatings that come into direct contact with food, feed and drinking water and for coatings of children's furniture and toys.

- ◆ high moisture and water resistance
- ◆ permanently flexible coating

Application area Substrate: steel, wood, cast iron, mineral surfaces
Environment: interior, exterior
Examples: waterproofing of building structures, waterproofing of reservoirs

Shades 1999 black

Physical properties	Flow time	> 50 s (cup Ford Ø 4 mm)
	Weight solids	> 53 %
	Volume solids	48 %
	Flash point	> 30 °C
	Density	900 kg/m ³

Emission limits	VOC: 0.45 kg/kg	TOC: 0.39 kg/kg
	Product subcategory: A/i	Threshold value (2010): 500 g/l
	Max. VOC content in ready to use state: 400 g/l	

Properties of dried coat	Gloss	degree 1 - 2
	Liquid water permeability	w3 – low ($\leq 0,1 \text{ kg}/(\text{m}^2 \cdot \text{h}^{0,5})$) (EN 1062-3)
	Water-vapour transmission properties	V3 – low ($\leq 15 \text{ g}/(\text{m}^2 \cdot \text{d})$)
	Surface finish adhesion of building structures to the base	$\geq 2,2 \text{ N}/\text{mm}^2$ (substrate concrete) (ČSN 73 2577)

Drying time	Surface temperature	23 °C
	Dust free	up to 3 hours
	Dry through	up to 5 days
	Dry film thickness DFT	25 - 30 μm

Spreading capacity	Wet film thickness WFT	85 - 105 μm
	Dry film thickness DFT	40 - 50 μm
	Theoretical spreading capacity	5 - 7 m ² /kg per one layer

Thinning BALTECH S6006

Surface preparation Concrete or masonry substrate must be dry, compact, clean, well-matured (at least 28 days) and insulated against ground (bottom) moisture. The surface must be free of dust, grease and other impurities.

The metal surface must be clean, dry, degreased, free of rust and dust, mechanically cleaned. First of all the surface must be degreased by means of suitable agent (e.g. BALTECH P6402 Technical benzene, BALTECH P6401 Acetone or, if it is possible, warm pressurized water with detergent).

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Application conditions	Apply in constant and dry weather, minimal air temperature for application is 5 °C. The substrate temperature must not exceed 30 °C. Do not apply the paint on a hot summer day. During rain, fog, creation of condensation water, effect of aggressive gases and during wind with strong content of dust the coating work must be suspended and can be restart after absolute drying of surface-treated material. Optimal temperature for application is about 18 – 23 °C and relative humidity 40 - 70 %.
Workflow	Stir paint thoroughly throughout the whole volume and dilute it with thinner BALTECH S6006 if it is necessary. Apply the paint directly on the substrate by brush or roller in 1 or 2 coats, recoating is possible after 24 hours/23 °C. Absorbent surfaces must be treated (penetrated) with diluted varnish A1010 (in ratio 1:1 varnish A1010 : BALTECH S6006), interval for recoating is about 12 h / 23 °C.
Application	Brush, roller
Handling	Read the instructions in the Safety Data Sheet before use and follow all safety instructions and regulations. The product contains organic solvents. Follow basic hygiene rules. Do not eat, drink or smoke while using this product. Avoid contact with eyes, skin or clothing. Wear protective gloves, eye protection, protective clothing. Ensure effective ventilation of the workplace. People and animals should not remain in the treated area until the paint dries. If on skin: take off contaminated clothing and wash skin with plenty of soap and water. If inhaled: remove person to fresh air. If in eyes: rinse thoroughly for 10-15 minutes with clean water. Remove immediately contact lenses if present. If swallowed: rinse your mouth with water. If you feel unwell or in case of health problems or if in doubt, and accidental ingestion and contact with eyes, always consult a doctor immediately.
Packing	1 kg; 9 kg
Storability	The product keeps the product qualities 5 years from production date in original closed container. To store in dry storage at the temperature 5 to 25 °C. Flammable liquid II. hazard class.
Disposal of packing and waste	Hand over the used, properly empty packing at the collection point of the packing waste. Dispose the packing with the product rest at the place determined by the town for disposal of hazardous waste or hand over to the person authorized for hazardous waste disposal. Further see MSDS.

These data are only for information and their accuracy is influenced by the properties of individual materials and unpredictable factors during application. The user is responsible for correct use of the product according to the direction for use and for correct application of painting system, i.e. he must always evaluate all conditions of application, which could influence final quality of the top treatment. Therefore we always recommend to the user to carry out the test for actual working conditions and type of surface applied. Above mentioned data are data, which influence individual working conditions and therefore they do not establish a legal claim. It is necessary to consult information outside the terms of this catalogue sheet with the producer.

The producer stipulates the right for the change in the catalogue sheets without previous notification.