



EPIMAL LACQUER

EPOXY VARNISH BINARY

PURPOSE. The product is a colorless, water-soluble, two-component epoxy varnish for decorative and protective coating of natural stone (e.g. sandstone) and artificial stone surfaces, including floors and metal surfaces. It is intended for varnishing various products made of natural rock materials, as well as made of cement and various types of mineral aggregates. It can also be used for the maintenance of mosaic plaster, as well as for protecting paint coatings, giving them gloss, higher abrasion resistance and the ability to be easier to keep clean. After drying, the coatings are characterized by gloss, transparency, high hardness, but at the same time flexibility, resistance to abrasion, cracks and water and many chemicals. Due to its decorative and protective values, it can be used indoors as well as outdoors. On natural stone, it reveals its another advantage consisting in emphasizing the drawing of the rock, its color and structure. It is based on high-quality, yellowing-resistant epoxy resin. It does not contain harmful solvents or heavy metals.

SURFACE PREPARATION AND APPLICATION. The product is ready for use after mixing with the hardener, it does not require dilution. In case of thickening, you can add up to 5% of tap water. Proper and careful preparation of the surface before painting is a basic condition for obtaining the appropriate quality of coatings. The surface should be dry, dust-free and clean.

Remove algae and lichens, degrease thoroughly. Fresh concrete surfaces can be painted no earlier than 4 weeks after application. After adding the hardener, mix thoroughly (for at least 2 minutes). After mixing the varnish with the hardener, it should be used within 2 hours. Avoid rapid mechanical mixing, which can introduce air bubbles, which can be difficult to remove and cause a slight clouding of the coating. Apply the coating evenly in a thin layer, avoiding excess. Too thick a layer makes it difficult to dry, which can be manifested by the presence of white spots even after drying. This is especially dangerous in the case of a substrate with high and uneven porosity, e.g. sandstone, concrete with higher permeability. Do not allow streaks to form. To obtain a thicker layer (with higher gloss), varnish several times.

IMPREGNATION. The varnish can also be used to impregnate stone. To do this, the varnish should be mixed with the hardener and diluted by slowly adding water in a ratio of 1:4 (1 part varnish and 4 parts water) and mixed thoroughly. Apply 1-2 layers (depending on the need).

IMPORTANT! Before putting the room into use, ventilate until the odor disappears.
DO NOT USE VARNISH WITHOUT HARDENER!

NOTES. Do not change the recommended proportions of varnish: hardener. This may significantly reduce the hardness of the coating. Do not paint outdoors in strong sunlight or rain. Do not paint wet or hot surfaces, e.g. as a result of strong sunlight. Protect against freezing.
Keep out of reach of children.



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SAFETY AND HEALTH RECOMMENDATIONS. Use normal precautions as when working with other water-based products. paintwork. Protect eyes and skin surfaces from direct contact with the product.

ÿ character:	milky white liquid, after drying: colorless coating
ÿ paint:	brush, roller or spray
ÿ correct proportions:	3.5 L of varnish and 0.5 L of hardener
ÿ use and store:	at a temperature not lower than 15°C and not higher than 25°C
ÿ temperature of the painted surface:	15÷25°C (minimum 3°C above dew point)
ÿ shelf life after mixing with the hardener (at 20°C): ÿ drying time at a substrate temperature of 20°C and relative air humidity of 65%	approx. 2 hours
(lowering the temperature and increasing the humidity extends the drying time): dust-dry:	approx. 2 hours
ÿ applying another layer:	after 24 hours
ÿ full hardening:	after 7 days
ÿ recommended number of layers:	1-3 (as needed)
ÿ performance:	10-12 m²/L, (depending on the absorbency of the substrate)
ÿ density:	ok. 1,0 g/cm³
ÿ pH value:	7,5-8,5
ÿ tool washing and dilution:	water
ÿ Hygiene Certificate:	NIZP-PZH
ÿ norma:	PN-C-81906:2003
ÿ warranty:	18 months from the production date (in original, undamaged packaging)
ÿ packaging:	(set A+B) 0.7 L (component I + component II); 4 L (component I + component II)

When a new version of the card appears, the previous card becomes invalid.
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