

ETERNAL® lesk akrylátový

Serial Number 9706

water-soluble coating for indoor and outdoor gloss top coats of wood and steel structures

Features:

ETERNAL lesk akrylátový (ETERNAL gloss acrylic) is a versatile one-component water-based paint prepared from an aqueous dispersion of acrylic copolymers, pigments, fillers and special additives. **ETERNAL lesk akrylátový** is glossy with excellent resistance to weathering.

Usage:

ETERNAL lesk akrylátový is designed for indoor and outdoor gloss coating of wood, plywood and chipboard, plasterboard, concrete, fiber cement and metal substrates bearing corrosion coating. It is suitable for painting window and door frames and central heating radiators.

Technical data:

Dry matter		min. 45 wt. %
Spec. Weight		1,20 g /cm ³
pH		7,5–9,5
Consistency (4 mm, 23 °C)		min. 100 sec
Drying	grade 1	45 minutes
	grade 4	up to 24 hours
Gloss		grade 1–2
Opacity		grade 2
Adhesion		grade 1
Resistance sink		6 mm
Content of volatile organic compounds (VOC):		
Category/subcategory of product		A/d
Max. volume of VOC in product		100 g/l
		0,0833 kg/kg
TOC		0,0483 kg/kg

Consumption:

0,28–0,33 kg/m² (2 layers – the final coat)

Shades:

RAL 9003 white, RAL 1015 ivory, RAL 1028 yellow, RAL 3020 red , RAL 5005 dark blue, RAL 6029 dark green , RAL 7035 light gray, RAL 8017 dark brown , RAL 9005 black

Centre **COLOR SYSTEM AUSTIS** tones and shades according to different swatches (choice from more than 8000 shades is available).

Packaging:

0,7 kg cans, 5 kg plastic containers, 10 kg plastic containers (only white RAL 9003)

Storage:

Store (in the original unopened packaging) between 5–25 °C. It must not freeze!

Application:

ETERNAL lesk akrylátový is applied on dry, thoroughly cleaned and degreased surface by brush, roller or spray at surface and air temperature between 8 °C to 25 °C. Depending on application, the paint can be diluted with water mass in quantities up to 5 wt. % for painting by brush, roller or airless spray and up to 10 wt. % when air spraying. For high pressure airless spray application, **ETERNAL lesk akrylátový** is not diluted. Tested on a Wagner Super Finish 23 membrane system, air pressure per membrane min. 110 Bar, spray pressure min. 80 Bar, nozzle used HEA 411 and larger, minimum wet paint film thickness 130 µm. The tools must be washed with water immediately after finishing the work.

The recommended procedure for surface treatment of untreated wood:

- 1) Removal of resin sites (e.g. by washing with resin thinner)
- 2) Preparing the surface by means of **FORTEKRYL napouštědlo na dřevo** with a protective effect against wood-destroying fungi and wood discolorations and insect damage. In dry interiors it is possible to use primer **FORTE penetral**.
- 3) Use light, dry sanding sandpaper No. 150 after 4 hours of soaking.
- 4) 1 to 2 coats of paint on **ETERNAL na dřevo základní** or **ETERNAL mat akrylátový** shade of the same or close to the final painting. The interval between coats is 4–6 hours (at 20 °C). We recommend sanding each layer dry with sandpaper No. 220.
- 5) 2 to 3 coats of water-based gloss paint **ETERNAL lesk akrylátový**.

The recommended procedure for treatment of already treated wood:

- 1) Old paint can be abraded with dry sandpaper No. 150.
- 2) 2 to 3 coats of water-based gloss paint **ETERNAL lesk akrylátový**, the interval between coats 4–6 hours.

The recommended procedure for surface treatment of metal products and steel structures:

- 1) Two coats of anti-corrosive paint **ETERNAL antikor akrylátový**, or **ETERNAL na kovy**. The total thickness min. 80 µm.
- 2) Refinishing paint with sandpaper No. 220.
- 3) Two to three coats of gloss paint **ETERNAL lesk akrylátový**. Drying time 4–6 hours for each layer.

Coating of mineral surfaces:

Mineral substrates must be rid of all layers of paint and non-stick coatings. Sufficiently carbonated surfaces need to be primed with **FORTE penetral** primer. After 4 hours are applied three coats of gloss paint **ETERNAL lesk akrylátový** with an interval between two coats 4–6 hours.

Recommendation:

It is recommended to apply **ETERNAL lesk akrylátový** with a roller and it is also suitable to use special brushes for acrylic paint. For larger massive surfaces, spray application is recommended. When coloring non-uniform surfaces of a significant difference between the surface and new shade of paint (black background, white top coat), it is recommended to first use two coats of **ETERNAL mat akrylátový**, the shade which is close to a glossy finish.

Certification:

TZÚS Prague Authorized Person No. 204, Bratislava TSÚS Notified Person No. 1301.

Waste disposal:

Included on the safety data sheet of the product.

Safety and hygiene at work:

When following basic hygiene rules **ETERNAL lesk akrylátový** is not a health hazard. The product is a treated article, contains a biocidal product. It contains a reaction mixture CMIT/MIT (3:1) [Index number: 613-167-00-5]. May cause an allergic reaction. It is necessary to use suitable protective clothing, gloves and goggles. Wash skin with soap and water, in case of contact with eyes, flush immediately with water. If irritation does not stop, seek medical help. If accidentally swallowed, seek medical help. Do not induce vomiting. Details are provided in the safety data sheet of the product.