

ETERNAL® stabil

Serial Number 9403

water-soluble coating for finishing of concrete surfaces (floors, concrete tiles) with waterproofing properties

Features:

ETERNAL stabil is a water-soluble coating prepared on the basis of a special aqueous dispersion of acrylic copolymer, suitable pigments, fillers and additives. The final coating has very good adhesion to concrete surfaces, very good abrasion resistance, waterproofing properties, very good chemical resistance and very good resistance to weathering. It is also resistant to hot tire load. Coatings made with ETERNAL stabil meet the hygiene requirements for direct contact with food.

Usage:

ETERNAL stabil is designed for finishing concrete surfaces, concrete tiles, concrete paving, etc. It was developed specifically for coating of concrete floors in garages, in parking buildings and other parking areas. It is also suitable for surface treatment of concrete floors in basements, warehouses, exhibition spaces, stairwells, etc. It resists normal load reliably but is not suitable for coating of floors loaded with sliding loads. The final appearance is matte and has anti-slip properties. With **ETERNAL stabil** paint it is possible to modify the surface of the concrete balconies, terraces, stairs, walkways and the like. **ETERNAL stabil** cannot be used for coatings placed permanently under water and exposed to long-term high humidity. Not recommended as a coating of highly polished surfaces without roughening.

Technical data:

Dry matter	min. 50 wt. %
Spec. Weight	1,3 g/cm ³
Dry matter volume	40,0 ± 1 vol. %
pH	8,5–10,5
Viscosity Brookfield (A/5/10)	4–8 Pa.s (23 °C)
Opacity	grade 1
Adhesion	min. 0,8 MPa
Water resistance	0,0 l/m ² per hour
Frost resistance	100 cycles (without a change)
Contain of volatile organic compounds (VOC):	
Category/subcategory of product	A/i
Max. volume VOC in product	61,2 g/l
	0,047 kg/kg
TOC	0,028 kg/kg

Consumption:

0,4–0,5 kg/m² (2–3 layers)

Shades:

white, light gray, gray, green

Packaging:

2,5 kg, 5 kg and 10 kg plastic containers

Storage:

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

Surface preparation:

The surface requirements for **ETERNAL stabil**:

- concrete, leveling and self-leveling cement-based materials aged for min. of 28 days
- dry, surface humidity can be a maximum of 5 wt. %
- cohesive, tensile strength of surface layers min. 1,5 MPa, if the coating has sufficient tensile strength, it has to be removed mechanically (such as blasting or milling)
- repaired (damaged areas must be repaired with cement mortar)
- cleaned from loose particles, old paint and grease
- new floors from the surface of anhydrite, concrete and other cement-based materials and polished concrete floors, are necessary to be blasted or abraded
- primed by means of undiluted **FORTE penetral**

For coatings made without prior proper preparation of the surface, described properties cannot be guaranteed.

Application:

ETERNAL stabil can be diluted before applying with up to 5 % water. Apply by high pressure airless spray (VYZA vario, nozzle No 517, pressure 140-160 bar - to be tested and optimized), broad brush, paint brush or applicator roller. It is applied in 2 layers with a break between coats for 4–24 hours according to weather conditions. More exposed concrete surfaces should take 3 coats. The modified surface can be walked on in about 5 hours after the last coat, is easily loadable after 3 days and completely cured after 7 days. Coats can be applied at temperatures of 10 °C to 30 °C, outdoor applications may be carried out under intense direct sunlight. Tools should be washed with water immediately after usage.

Certification:

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 stabil** 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. Other details are on the Safety data sheet of the product.