

ETERNAL® na beton KOMFORT

Serial Number 1208

two component epoxy matte paint, which can be applied on fresh concrete

Features:

ETERNAL na beton KOMFORT is a two-component water-soluble coating prepared from epoxy resin, water driven polyaminic hardeners, pigments, fillers and special additives. The coatings have very good abrasion resistance, good vapor permeability, very good resistance to hot tires, water, chemical de-icing agents, aliphatic and aromatic hydrocarbons, diluted acids, alkalis and rendering solutions. **ETERNAL na beton KOMFORT** is produced with a matte finish.

Usage:

ETERNAL na beton KOMFORT is designed for finishing of concrete floors in basements, garages, workshops, stores, warehouses, exhibition spaces, etc. It is suitable for coating of the internal surfaces of concrete, lime and cement plaster, wood, fiberboard, chipboard and plasterboard. It can be also used for internal coating of metal surfaces bearing corrosion coatings. It is possible to apply **ETERNAL na beton KOMFORT** on fresh concrete (maturing for about 7 days) due to its high vapor permeability. **ETERNAL na beton KOMFORT** can be used in various ways due to its flexibility. It can be used as a penetration agent, paint, self leveling floor covering and putty.

Technical data:

Dry matter (mixed)		min. 64 wt. % (min. 49 vol. %)
Specific weight (mixed)		approx. 1,3 g/cm ³
Mixing ratio of components (component A : component B)		5 : 1 (wt. parts)
pH - component A		7,5 – 9,5
pH - component B		6,0 – 8,0
Viscosity Brookfield A/5/10 (component A)		min. 3500 mPa.s
Viscosity Brookfield A/5/10 (mixed)		min. 500 mPa.s
Processing time (pot life)		2 hours
Adhesion (grating)		0 (excellent)
Drying	grade 1	up to 60 minutes (23 °C)
	grade 5	24 hours
Hardness	1 day	min. 15 %
	10 days	min. 35 %
Contain of volatile organic compounds (VOC):		
Category/subcategory of product		A/j
Max. volume VOC in product		3 g/l 0,00231 kg/kg

Consumption:

penetration agent:	0,07–0,12 kg/m ²
paint:	0,4–0,5 kg/m ² (2–3 layers)
self leveling floor covering:	1,1 kg ETERNAL na beton KOMFORT + 1,1 kg ETERNAL křemičité plnivo / mm / m ²

Shades:

Grey

Packaging:

Component A	4 kg plastic containers
Component B	0,8 kg plastic containers

Storage:

Store in the original unopened packaging between 5–30 °C. It must not freeze!

Application:

Component A is mixed thoroughly with component B in the ratio 5:1, for at least 5 minutes. After 5 minutes of standing the mixture can be thinned by adding 20 % of drinking water for a penetrating coating, or adjust its consistency for the selected application by adding a max. 10 % water. The mixture should again be mixed well, left standing for 5 minutes and after a short mix, it is ready for application. It is possible to thin the paint mixture; however, the components cannot be diluted! Prepared **ETERNAL na beton KOMFORT** is applied by brush, roller or spray (air, airless, airmix) on a hard, dry and clean surface, free of grease and wax stains, when ambient and substrate temperatures range from 10 °C to 30 °C. 6 hours (for drying) after the penetrating coat with diluted paint is done, an additional 2–3 coats with undiluted paint can be applied in an interval between coats of 24 hours (20–25 °C). Lower temperatures extend the drying time. Tools should be washed with water after usage. **ETERNAL na beton KOMFORT** can be used as a self-leveling compound upon mixing paint materials with particulate component **ETERNAL křemičité plnivo** in a weight ratio of 1 : 1. After mixing paint materials, the component **ETERNAL křemičité plnivo** can be mixed in a weight ratio of 1 : 2 with **ETERNAL na beton KOMFORT** to create a perfect mix which can be used as putty. When preparing materials for use, one should always perform these steps in areas with good air circulation.

Warning:

The product formed by mixing components A and B is workable for 2 hours at 20 °C. After this time you cannot use the paint.

Certification:

TZÚS Prague, s. p. Notified person 1020

Waste disposal:

Included on the safety data sheet of the product.

Safety and hygiene at work:

Component A: Causes serious eye damage. Keep out of reach of children. Wear protective gloves, protective clothing, eye protection, face protection. In case of contact with eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and possible. Continue rinsing. Immediately call a POISON CENTER or a doctor or physician. A safety data sheet is available on request. Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist. Other details are on the Safety data sheet of the product.

Component B: Causes serious eye irritation and skin irritation. May cause an allergic skin reaction. Toxic to aquatic life with long lasting effects. It contains an epoxy-components. May cause an allergic reaction. Keep out of reach of children. Avoid any release into the environment. Wear protective gloves, protective clothing, eye protection, face protection. Collect spillage. In case of contact with eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and possible. Continue rinsing. In case of contact with skin: Wash with a lot of soap and water. Dispose of contents/container by incineration in an incinerator or disposal of hazardous waste in landfills for hazardous waste. Other details are on the Safety data sheet of the product.

ETERNAL na beton KOMFORT is a non-flammable liquid in terms of ČSN 65 0201.