

ONKAPOX SLF 116

SELF LEVELLING EPOXY TOP COAT

PRODUCT DESCRIPTION

ONKAPOX SLF 116 is a two-component, solvent-free, epoxy- based self levelling glossy final epoxy top coat.

AREA OF USE

It can be used as a decorative floor coating in:

- Chemical industry,
- Food and beverage industry
- Automotive industry and aircraft maintenance hangars
- Laboratories
- Hospitals
- Exhibition and fair halls
- Textile industry and other industrial facilities where floor dusting affects the manufacturing process

ADVANTAGES

- Easy application.
- High mechanical and chemical resistance
- High abrasion resistance
- Not a fire hazard as it is solvent-free
- Easy to clean, does not host any bacteria, dustproof and healthy.

MECHANICAL PROPERTIES

COMPRESSIVE STRENGTH	50 N/mm ²	(EN 196-1)
TENSILE STRENGTH	50 N/mm ²	(EN 196-1)
SHORE HARDNESS	75	(DIN 53 505)
ABRASION RESISTANCE	70 mg	(TABER)
ADHESION RESISTANCE	> 1,5 N/mm ²	(ISO 4624)
CHEMICAL RESISTANCE	High	
THERMAL RESISTANCE	Should not be constantly exposed to temperatures higher than 80 C	

TECHNICAL INFORMATION

ONKAPOX SLF 116 component A is a low-viscosity modified epoxy resin product. **ONKAPOX SLF 116** component B is a modified cycloaliphatic polyamine hardener product. It is especially suitable for surfaces requiring high chemical and mechanical resistance as well as food production plants where complete hygiene is essential.

RESISTANCE

It is resistant to dilute acids, dilute and concentrated alkaline, cleaning detergents and disinfectants, plant-based, mineral and animal based oils, fresh water and sea water, diesel oil, oil, alcohol and many other solvents.

APPLICATION METHOD

Fresh concrete and cement plaster must be cured for at least 21 days before application. Paint, dust, dirt and other similar loose particles on the mortar residue old concrete and cement plaster must be removed with diamond bit vacuums and sandblasting, scraping or brushing. All surface must be primed with **ONKAPOX RESIN 360** primer. After primer application, **ONKAPOX SLF 116** base epoxy must be used for backing coat and putty applications. Components A and B of **ONKAPOX SLF 116** Self Levelling epoxy must be mixed in the Component A container with a low-viscosity mixer for at least 3 minutes before application. The application will be dry after 24 to 36 hours and complete ossification time is 1 week / 7 days.

- Surface and ambient temperature must be at least 10°C.
- In and on surface humidity must be at least 5% CM
- Relative ambient humidity must be maximum 80%.
- Silicone vapors must not be present in the environment

CONSUMPTION

ONKAPOX SLF 116, can be used at different levels of consumption depending on the application thickness and floor properties. Theoretically, impermeable and flat surfaces requires approximately 1 m²/3kg (may change depending on the roughness of the surface) for each 2 mm film thickness in a single coat. Consumption may vary depending on the system to be chosen. You may contact the company representatives for further detailed information.

PACKAGING

As a two-component kit: total 16.5 kg
Component A : 13.50 kg
Component B : 3.00 kg

SHELF LIFE

Can be stored for 1 year in a dry, cool and protected place, in its original packaging

SAFETY

Work suits, protective goggles, masks and gloves for occupational health and safety must be used during application. Especially, as the hardening components are irritant, the components must be kept away from the eyes and the skin. In case of contact with the skin and the eyes, wash with plenty of water and soap. Do not clean with solvent. Consult with a physician if ingested.