

Product

DUROGLASS K F

code 4500 9005
9081 0000

THICK COATING BASED ON EPOXY RESINS AND ALIPHATIC AMINE HARDENING AGENTS

Features

- Good chemical resistance to acids and alkalis.
- Good mechanical performance.
- A thickness of 300 microns can be obtained with a single layer.
- Applicable to the support from +5°C to + 40°C.
- Operating temperature from -20°C to +80°C (in air) and +35°C (in immersion).

Application field

- Protection of concrete in sewage collectors and purifiers for prevalently urban liquid waste.
- Internal protection of reinforced concrete caissons.

Application

Dual component product to be mixed carefully immediately prior to use. Applied by brush or roller as mixed or diluted with 1-5% of DILUENTE 21 thinner. For airless application, use the product diluted with 2-5% of DILUENTE 21 thinner and use 0.021"-0.025" nozzles at a pressure of at least 200 bar. DUROGLASS KF adheres directly to concrete which has been suitably prepared by sanding or water jet, but on damp surfaces and in counterthrust it is necessary to apply one or more preparatory layers of DUROGLASS FU BIANCO TIX, in accordance with the instructions in the technical schedule for that product. After use, wash the tools with DILUENTE 21 thinner.

Technical data

Color	Black
Specific weight	1.49 ± 0.02 Kg/l
Mixture ratio	100 parts in base weight 10 parts in hardener weight
Viscosity at 20°C	4,500 ± 1,500 mPa.s
Pot life at 22°C	90 minutes
Theoretical consumption	530 g/m ² per layer
Thickness	300 microns per layer
Solids	90% in weight, 83% in volume
Hardening at 22°C, 50% RH	- dry to the touch 10 hours - over-application 16 hours minimum - completely hardened in 15 days
Storage	If kept in the original sealed packs in a dry, protected place at temperatures of +5°C to +35°C, the product will keep for 12 months.

All data and prescription reported on the present data sheet are based on the best lab and practical experience and should anyhow be considered as indicative. Considering all different uses and the occurring of situations and conditions independent from MPM (substrate, climate conditions, technical management etc. Those who intend to use the product should verify whether it is suitable for the specific conditions in which it will be applied before starting. MPM's responsibility covers the quality and productions standards referring to the above listed data only. Data should also be verified for latest available version of data sheets which could be surpassed by a new version. Data may change any time without notice from MPM.