



Construction Chemicals

Fly PSF

Two-component, solvent-free epoxy primer

Description

Fly PSF is a two-component, solvent-free, transparent epoxy system. It offers high hardness and abrasion resistance. It is resistant to acids, alkalis, petroleum products, and salt solutions.

Certification

According to EN 13813 and classified as SR-B2,0-AR0,5-IR4.

According to ASTM (D4060/ D4541/C267)

Fields of application

Fly PSF is suitable for:

- Priming cementitious surfaces to be covered with epoxy floor coatings from the Fly Epoxy range.
- Sealing cementitious floors in industrial areas, warehouses, etc.
- Preparing resin mortars for floorings.
- Preparing material for repairing cracks or smoothing substrates before application of flooring layers.

Technical data

Base	Two-component epoxy resin
color	Transparent
Viscosity	710 mPa.s(+23°C)
Densit (A+B)	1.07 kg/l
Mixing ratio	100:60 by weight
Pot life	Approx.. 35 min (+20°C)
Minimum hardening temp	+ 8°C
SHORE D hardness	83
Overcoat time	After 20 h (+23 °C)
Final strength	After 7 days (+23 °C)
Compressive strength	≥ 55 N/mm ²
Flexural strength	≥ 35 N/mm ²
Adhesion strength	≥ 3 N/mm ²
Impact resistance	IR 4



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Directions for use

1. Substrate preparation

The flooring surface should be:

- Dry and stable.
- Free of materials that prevent bonding, e.g., dust, grease, etc.
- Protected from negative-side water pressure.

It should also meet the following requirements:

- Concrete quality: at least C20/25 Cement
- screed quality: cement content 350 kg/m³
- Age: at least 28 days
- Moisture content: < 4%

Depending on the nature of the substrate, it should be prepared by brushing, grinding, sandblasting, water blasting, pellet blasting, etc. Following this, the surface should be cleaned of dust with a high-suction vacuum cleaner.

2. Mixing of the components

Component A (resin) and B (hardener) are packaged in two separate, pre-measured containers, with a fixed mixing ratio by weight.

The entire contents of component B are added to component A.

The 2 components should be mixed for about 5 minutes with a low-speed mixer (300 rpm).

It is important to thoroughly stir the mixture near the sides and bottom of the container to achieve uniform dispersion of the hardener.

Consumption

Depending on the use of Fly PSF 5 -6 m² / kg- 100μ DFT (depending on surface conditions)

Packaging

FLY PSF is supplied in 5 and 20kg

Shelf life – Storage

24 months from production date if stored in original, unopened packaging, in places protected from moisture