



PFEP-2249 **Epoxy mastic**

➤ **Description:**

This product is used to fill joints, voids, cracks and uneven areas of concrete. This product has a great adhesion to epoxy and polyurethane systems as an intermediate layer. According to high resistances, increases the durability of the protecting systems.

➤ **Advantages:**

- High mechanical resistance
- High chemical resistance
- Applicable at various conditions
- Good levelling properties
- Low surface tension and high wetting ability
- Appropriate abrasion resistance
- Low sensitivity to relative humidity and weather condition

➤ **Main uses:**

- Filling and leveling the concrete's pores
- Increasing the performance of epoxy, polyurethane and other flooring and protective polymeric systems

➤ **physical properties:**

Color	grey
Gloss	Semi-gloss
Number of Components	two
Mixing Ratio (W/W)	A/B = 5/ 1
Mixing Ratio (V/V)	A/B=2.55 / 1
Solid content by weight (A+B)	100%
Solid content by volume (A+B)	100%
Density (A+B)	1.8±0.1 g/cm ³
Recommended Dry film Thickness	500 micron (dependent to surface roughness)
Theoretical coverage	2 m ² /L (depends on surface porosity)
Curing mechanism	Chemical reaction between two component
Recommended solvent	T-950 (up to 4 % if needed)
Recommended Packaging Style	A: 15 Kg B: 3 Kg

➤ **Processing properties:**

Pot life	45 minutes
Dust Free time	2-4 hours
Post curing time	6 hours
Full curing time	7 days
Over coating interval	6-24 hours



➔ **Application guide:**

- Surface preparation:

The surface should be completely clean and without any contamination, dust and other loose areas. Prior to PFEF-2249 an epoxy primer has to be applied and if the primer's surface is fully cured, in order to increase the adhesion between layers, the surface of primer must be activated with MEK.

- Application:

After surface preparation, paint's components are mixed (according the mixing ratio) and stirred using a suitable mixer until a homogenous solution is achieved.

It is applied by appropriate tool (spatula, scraper...).

All tools should be washed with T-950 thinner after the application.

- Ambient temperature:

It is recommended that the environment's temperature should be in range of +5 to +50 °c.

➔ **Storage:**

12 months in unopened package & protect from sun light and heat source at +5 to +30 °c.