



PFEP-2235 Epoxy Intermediate Layer

➤ Description:

PFEP-2235 is generally used for filling the joints, holes, cracks and leveling the uneven surfaces. It is compatible with epoxy, polyurethane and polyurea systems and will be part of a seamless coating system.

➤ Advantages:

- Thermal resistance up to +80°C
- High mechanical resistance
- High chemical resistance
- Suitable for scraper in any places

➤ Main usages:

It can be used at concrete, mosaic, natural stones, wooden and metal surfaces, bathrooms, kitchens, pools and industrial floorings. As an intermediate layer in epoxy, polyurethane and polyurea systems, vertical surfaces and roofs of concrete structures.

➤ Physical properties:

Color	Light grey
Gloss	Matt
Components	2
Mixing Ratio by weight	A/B =6.58/1
Mixing Ratio by volume	A/B=3.15/1
Solid content (A+B)	100%
Density (A+B)	1.762±0.1 g/cm ³
Recommended film thickness	more than 500 micron (Depend on surfaces)
Theoretical coverage *	0.83 Kg/m ²
Curing method	Chemical reaction between components
Thinner	-----
Packaging	A: 6.58 Kg B: 1 Kg

* No material loss is consider in theoretical coverage calculation.

➤ Processing properties:

Pot life	@ 25°C 40 min @ 45°C 20 min
Application temperature	10-50 °c
Dust free time	1 hour
Post curing time	3 hours
Full curing time	7 days
Over coating interval	3 hours



➤ **Application Guide:**

- Surface preparation:

The holes and pores must be clean and free from oil, dust and contaminations before pouring the epoxy intermediate layer. Then it can be applied as a first layer.

- Application:

After surface preparation, part A was stirred separately, then paint's components should be thoroughly mixed (according the mixing ratio) & using a suitable mixer until a homogenous solution is achieved.

Then it should be poured and spread on the surfaces, cracks and joints with suitable tools (spatula, special scraper).

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

- Ambient condition:

Ambient temperature should be in range of +10 to +50 °c during paint application.

➤ **Storage:**

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