



PFEP-2015

Epoxy polyamide

-Zinc chromate primer

◆ Description:

PFEP-2015 is a high performance corrosion protective coating that can be applied on prepared metal surface as first layer or, as intermediate layer on a zinc rich primer.

◆ Advantages:

- High chemical resistance
- Good resistance against atmospheric condition
- Excellent adhesion
- Impact resistance and good hardness

◆ Main usages:

- As a protective layer on metal surfaces and, tanks and bridges
- Pipeline
- Applicable on the wide range of alloy
- As a protective layer on metal structures before installation

◆ Physical properties:

Color	Yellow
Gloss	Matt-Semi Gloss
Components	2
Mixing Ratio by weight	A/B =6/1
Solid content (A+B)	60±5%
Density (A+B)	1.6±0.1 g/cm ³
Recommended film thickness	50-75 micron (1 pass)
Theoretical coverage*	0.13-0.2 Kg/m ²
Curing method	Solvents evaporation and chemical reaction
Thinner	T-950
Packaging	A:18 Kg B: 3Kg

* No material loss is consider in theoretical coverage calculation.

◆ Processing properties:

Pot life	2-3 hours
Application temperature	(10-50) °c
Dust free time	2 hours
Post curing time	10 hours
Full curing time	7 days
Over coating interval	8 hours



◆ **Storage:**

12 months, in unopened package & protect from direct sun light at (5-30) °C.

◆ **Application Guide:**

- Surface preparation:

The surface must be clean, free from any loose particles, contaminations, rusts and remain parts of previous coating.

Metal surfaces such as steel and iron, should be sandblasted up to SA2 grade.

SA2 ½ is recommended in aggressive conditions (e.g. water immersion). The painting process should be done immediately after the air blasting.

- Application:

After surface preparation, the two parts of the paint should be thoroughly mixed (according the mixing ratio) & using a suitable mixer until a homogenous solution is achieved. The paint can be diluted with T-950 thinner gradually while mixing.

PFEP-2015 is applied using ordinary air or airless spray and small damaged and unpainted area can be repaired by brush.

Using suitable ventilation is necessary while paint application is done in close places.

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.