



PFEP –ANTI DUST

Epoxy flooring

➤ Description:

It's based on epoxy resin and polyamide hardener. It has very high permeability and permeates deep into the concrete, due to its low viscosity. It has high adhesion to concrete surface and prevent exiting dust from concrete pores. The surface of this coating is washable and resistant against chemicals and detergents.

➤ Advantages:

- Very low viscosity
- Excellent permeation capability in concrete pores
- Prevent exiting dust from concrete pores and environmental pollution
- Covering surface imperfections of concrete
- Increase abrasion resistance
- Protects concrete against some chemical attacks,

➤ Main uses :

- Anti-Dust floorings on the concrete/brick/cement/ masonry surfaces where it is not expose to direct sunlight and UV

➤ Characteristics:

Color	Gray, dark blue and any color ordered
Gloss	Glossy
Components	2
Mixing Ratio by weight	A/B=2/1
Mixing Ratio by volume	A/B=2/1
Pot life	4.5 hours @ 5°c 3 hours @ 25°c 2.5 hours @ 35°c
% solid volume (A+B)	51%
Density (A+B)	1±0.05 gr/cm ³
D.F.T	100-150 micron
consumption	200-300 g/ m ² Depending on surface porosity
Curing method	Solvent vaporization and Chemical reaction
Thinner	T-950 Epoxy thinner
Shelf life	12 months In closed containers , not exposed to direct sun light in 5-30°c
Packaging	A: 8 Kg B: 4 Kg

➤ Processing properties

Dust free time	3 hours
Post curing time	6 hours
Full curing time	7 days
Over coating interval	3-12 hours



➤ **Application Guide Direction:**

Surface preparation:

The surface should be free of any contamination and loose area, because this material decreases adhesion between coating and surface. If the surface needs repair, do it before flooring. In case of high surface absorption, apply PFEP-2168 POLYGUM concrete Epoxy primer. The coating can be applied in multilayers if necessary.

Ambient condition:

Ambient temperature while application should be between 5- 50°C. The ambient temperature should be 3°C more than dew point.

Application procedure:

After surface preparation, Mix 2 components (according to instruction of packaging) with agitator until a homogeneous liquid is achieved. Pour the mixed compound on the floor and spread it with trowel or roller. In closed area, air conditioning during operation time is necessary.

After application, clean the tools with Epoxy thinner T-950.

Please note PFEP –ANTI DUST is not suitable for wet and oil-contaminated concrete surfaces.