



Ressi EPO Primer is an epoxy-based Primer to be used prior to the application of epoxy flooring and coatings over concrete and cementitious surfaces. Ressi EPO Primer is an ideal material to be used in conjunction with various epoxy flooring materials. It is used as a priming coat on concrete and cementitious surfaces prior to the application of various epoxy floorings and coatings. Typical areas of applications include car parks, factory floors, food industry, kitchens, aircraft hangers, hospitals, pharmaceutical plants, warehouses etc. it can be used as a clear coat to maintain original color and appearance of substrates which are not exposed to UV rays.

ADVANTAGES

- ✓ Provides an excellent key for the topcoat of epoxy floorings and coatings.
- ✓ Early development of initial hardness minimizes maintenance disruption.
- ✓ Excellent resistance to absorption and impact.
- ✓ Unaffected by a wide range of acids, alkalis, and industrial chemicals.

SURFACE PREPARATION AND MIXING

Surface should be free from grease, oil chemical contamination, dust, laitance and loose concrete. This can be achieved by scabbing or light brush hammering to provide a sound substrate. Ressi EPO primer is supplied in premeasured two-part containers. Mix the premeasured quantities as per the ratio with a high-speed drill mixer fitted with a paddle. The material is to be mixed thoroughly until homogeneous.

APPLICATION

Apply the material with a suitable squeegee, stiff nylon brush or roller working the Ressi EPO Primer into the substrate to ensure total absorption into the pinholes and voids. Spray application is also possible. Airless spray will provide faster rate of application.

TECHNICAL PROPERTIES @ 25°C

Appearance	Clear Medium viscosity liquid
Color	Yellow to orange
Mix Ratio (Part A: Part B)	100:80
Mix Viscosity @ 25°C / cPs	3000 – 5000
Mix Density /g / cc	1.08
Coverage / KG Material	50 – 70 SFT – Porous concrete 150 – 200 SFT – Filled Concrete
Working time	90 minutes
Gel Time	6 Hours
Tack free time	11.5 Hours
Overcoat Time	8 Hours – 24 Hours (Depending upon nature of substrate)
Time until foot traffic	11.5 Hours
Compressive Strength	94.4 N/mm ² @ 7 Days (Maximum)
Compressive yield strength	77.3 N/mm ² @ 7 Days

Typical Data under laboratory conditions; Conforms to ASTM C722

LIMITATIONS

When temperatures exceed 35°C working times will be reduced significantly. During application in cold weather correct conditioning is essential. Application should be halted if the ambient or substrate temperature is likely to fall below 10°C.

SHELF LIFE

12 Months from the date of manufacture when stored under warehouse conditions in original unopened packaging. Extreme temperature / Humidity may reduce shelf life.



PACK SIZE

Ressi EPO Primer is available in the following pack sizes:

1.8 KG: Part A 1 KG
Part B 800g

18 KG: Part A 10 KG
Part B 8 KG

54 KG: Part A 30 KG
Part B 24 KG

HEALTH AND SAFETY

The packed material of Ressi EPO Crack Fill is regarded as non-hazardous for transportation. Once opened extreme temperatures may cause the material to be flammable. Do not re use bags, containers, and packaging materials. It is recommended to dispose off the packaging as per local rules and regulations. Gloves and suitable masks can be worn during application. Please refer to MSDS of the product for further health and safety information.