

Technical Data Sheet



Ressi EPO Primer is an epoxy based floor primer to be used prior to the application of epoxy floorings and coatings over concrete and cementitious surfaces. **Ressi EPO Primer** is an ideal material to be used in conjunction with Various Ressichem Epoxy flooring materials.

Uses

Ressi EPO Primer 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 also be used as a clear coat to maintain original color and appearance of substrate which are not exposed to UV Rays.

Advantages

- ✓ Provides an excellent key for the top coat 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

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 and to allow penetration of **Ressi EPO Primer** into the substrate.

Mixing

Ressi EPO Primer is supplied in 3 containers as premeasured units. Stir base and hardener separately. Using a slow speed drill machine fitted with a paddle, mix both the components along with the diluent for at least 3 minutes to obtain a uniform mix. Part mixing should be avoided.

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 any pinholes and voids. Spray application is also possible. Airless spray will provide faster rate of application.



RESSICHEM (Pvt.) LIMITED

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Typical properties at 25°C

Property	Value
Component	Three Part A - Base Part B - Hardener Part C - Diluent
Mixed Form	Liquid
Color	Clear
*Mixed Density	1.07 Kg/Ltr \pm 0.02
*Pot Life	40 Mins \pm 10 Mins
*Surface dry	2-4 Hours
*Top Coat Time	5-24 Hours
*Application temperature	+5°C to +40°C
*Service temperature	+5°C to 65°C

*Typical values under laboratory conditions

Pack Size

Ressi EPO Primer is available in a 23 KG Pack with Premeasured Resin, Hardener and Diluents.
Part A 10KG Part B 8 KG Part C 5 Ltr



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Coverage

5-7 m²/Ltr/Coat actual consumption depends upon texture and porosity of surface.

Limitations

When temperatures exceeds 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

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

Health & Safety

The Packed material if **Ressi EPO Primer** is regarded as non-hazardous for transportation. Once Opened, Extreme temperatures may cause flammability. Do not reuse bags or containers and dispose them off as per local rules and regulations. Gloves and suitable masks can be worn during application. Please Refer to the MSDS of the product for further health and safety information.



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