



ResiGard Primer SF

Solvent Free Epoxy Based Primer
and Coating System

DESCRIPTION

ResiGard Primer SF is a two part, low viscosity, solvent free epoxy resin system.

USES

ResiGard Primer SF is used as a priming coat on cementitious, wood and steel surfaces prior to application of **ResiGard** range of coatings. Typical areas of application include carparks, factory floors, food industry, kitchens, aircraft hangers, hospitals, pharmaceutical plants, warehouses etc. It can also be used as a clear coat to maintain original colour and appearance of substrate which are not exposed to UV rays.

ADVANTAGES

- No odour, suitable for enclosed areas
- Excellent bond with substrate
- Early development of initial hardness, minimizes maintenance disruption
- Excellent resistance to abrasion and impact
- Unaffected by a wide range of acids, alkalis and industrial chemicals

TYPICAL PROPERTIES at 25°C

PROPERTY	TEST METHOD	VALUE
Component	-	Two: Part A - Base Part B- Hardener
Mixed Form	-	Liquid
Colour	-	Clear
Mixed Density	ASTM D1475	1.07 kg/ltr +/-0.02
Pot Life	ASTM D2471	40 mins +/- 10
Surface Dry	-	2-4 hrs
Top Coat Time	-	5-24 hrs
Application Temperature	-	+5°C to +40°C
Service Temperature	-	+5°C to + 70°C

SURFACE PREPARATION

Surface should be free from grease, oil, chemical contamination, dust, laitance, and loose concrete. This can be achieved by scabbling or light bush hammering to provide a sound substrate and to allow penetration of the primer into the substrate.

Steel surfaces should be gritblasted to base metal. Surfaces which show any traces of oil must be degreased with a chemical degreaser or hot air treatment prior to gritblasting.

MIXING

ResiGard Primer SF is supplied in two containers as pre-measured units. Stir base and hardener component separately. Using a slow speed drill machine fitted with a paddle, mix both the components 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



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the **ResiGard Primer SF** 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.

PACK SIZE 6 ltr set, 15 ltr set

COVERAGE 6-7 m²/ltr/coat. Actual consumption depends on texture and porosity of substrate.

LIMITATIONS When temperature exceeds 35°C, working times will be reduced significantly. During the 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.

GENERAL INFORMATION	Shelf Life	12 months from date of manufacture when stored under warehouse conditions in original unopened packing. Extreme temperature/humidity may reduce shelf life.
	Cleaning	Clean all equipments and tools with Conmix Cleaner immediately after use.

HEALTH and SAFETY	PPE's	Gloves, goggles and suitable mask must be worn.
	Precautions	Contact with skin, eyes, etc. must be avoided. If swallowed seek medical attention immediately.
	Hazard	Regarded as non-hazardous for transportation.
	Disposal	Do not reuse containers. To be disposed off as per local rules and regulations.
	Additional Information	Refer MSDS. (Available on request.)

TECHNICAL SERVICE **CONMIX Technical Services** are available on request for onsite support to assist in the correct use of its products.

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