

Renfloor CL 050

- Description:** *Renfloor CL 050* is a low viscosity, two-pack epoxy varnish with good penetration properties.
- Recommended use:** For saturation of well-cleaned concrete surfaces before application of pigmented paints, but it must be applied in such an amount that the surface is just saturated. The surface should not appear "glossy" in any way. Also suitable for sealing of thermally sprayed metallic coatings and provides an excellent economical hardwearing dust sealer for a wide range of industrial applications.
- Areas of Use:** Warehouse floors, Chemical plants, Textiles & Paper industries, Laboratories, Canneries, Workshops floor...etc.

PHYSICAL CONSTANTS:

Shade /Colors:	Clear
Finish:	Glossy
Volume solids %:	33 %
Solids by weight (%):	40 %
Theoretical spreading rate:	8.25 m ² /ltr (40 micron DFT)
Recommended DFT:	40- 60 micron
Flash point:	26 ° C. /78.8 °F
Specific gravity:	0.95 kg/liter
VOC :	595 g/ltr
Surface dry:	1 - 2 approx. hour(s) 20°C/68°F
Dry to touch:	4 - 6 hour(s) 20°C/68°F
Hard Dry:	8 -10 hour(s) 20°C/68°F
Fully cured:	7 days 20°C/68°F

APPLICATION DETAILS:

Mixing ratio: BASE : CURING AGENT
3 : 1 (by volume or by weight)

Application method: Airless spray / Air spray / Brush and roll

Thinner (max.vol.): 5 % 20 % 10 %

Thinner Name Thinner 948

Pot life: 8 approx. hour(s) 20°C/68°F

SURFACE PREPARATION: Concrete: Remove slip agent and other possible contaminants by emulsion washing followed by high pressure hosing with fresh water. Remove scum layer and loose matter to a hard, rough and uniform surface, preferably by abrasive blasting, possibly by other mechanical treatment or acid etching.

Thermally sprayed metallic coatings: Should be applied shortly after the metal coat has been applied and approved to prevent possible contamination of the porous coating.

PRECEDING COAT: None, or as per specification.

Mixing: Before mixing with the curing agent, stir the base thoroughly in order to prevent any possible settling after storage. After mixing it is equally important to maintain stirring to keep the wet paint as a Homogeneous mixture.

Application(s) Note: For saturation of the absorbent substrate surface use Renfloor CL 050 application should be initiated by assessing the degree of dilution in order to obtain a correct result. In any case, a glossy surface must not appear and such surplus of the product must be removed by sanding, abrasive sweep-blasting or similar methods before painting takes place. For practical purposes, depending on the surface roughness, porosity of the substrate and the application method.

APPLICATION CONDITIONS: Use only where application and drying can proceed at temperatures above: 10°C/50°F. The temperature of paint itself should be 15°C/59°F or above. Apply only on a dry and clean surface with a Temperature above the dew point to avoid condensation. In confined spaces, provide adequate ventilation during application and drying.

Renfloor CL 050 for professional use only.