

Renfloor HT 2000

- Description:** *Renfloor HT 2000* is a solvent-free, two-component, high build polyamine cured epoxy varnish, which cures to a coating with excellent resistance to water, Household detergents, oils, and to abrasion.
- Recommended use:** It is used as protection coat in 3D epoxy flooring systems and also it can be used as a protection coat over decorative metallic and pearl epoxies.
- Areas of Use:** Houses , Shopes , malls.....etc.

PHYSICAL CONSTANTS:

Shade /Colors:	Transparent
Finish:	High Gloss
Volume solids %:	100 %
Solids by weight (%):	100 %
Theoretical spreading rate:	1 m ² /ltr (1000 micron DFT)
Recommended DFT:	1000 - 2000 micron
Flash point:	130 ° C. /266 °F
Specific gravity:	1.05 ± 0.01 kg/liter
VOC :	10 g/ltr
Surface dry:	1 approx. hour(s) 20°C/68°F
Dry to touch:	3 hour(s) 20°C/68°F
Hard Dry:	6 hour(s) 20°C/68°F
Fully cured:	7 days 20°C/68°F

APPLICATION DETAILS:

Mixing ratio:	BASE : CURING AGENT
	2 : 1 (by volume or by weight)
Application method:	Airless spray / Brush and roll / Metal Trowel/Epoxy Squeegee
Thinner (max.vol.):	Not recommended to add any thinner.
Thinner Name	Not recommended to add any thinner.
Pot life:	2 approx. hour(s) 20°C/68°F

SURFACE PREPARATION:

Over 3D floors: make sure that you are using the correct kind of printing material that epoxy can stick on it. clean the surface with warm water using cotton fabric and it is very important to change the fabric every 5 Square meter. Apply one coat of Renplex 080 by roller and then use 1 kg from each Square meters for 1 mm thickness.

Over decorative metallic and pearl epoxy: make sure that the application take place during the curing time of metallic and pearl coating and it exceeded that duration sanding must be done and then apply the product.

Over Concrete: Remove slip agent and other possible contaminants by emulsion cleaning 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, flame cleaning or acid etching. Seal surface with Renfloor CL 050.

PRECEDING COAT: For 3D pictures use Renplex PU 080

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.

Moisture: Epoxy layers should be protected from moisture for 4-6 hours after application. Moisture may whiten the surface or/and make it sticky. It may also disturb hardening. Faded or sticky layers in parts of the surface should be removed by grinding or milling and laid again.

Pot Life: Working time for epoxy systems decreases when ambient temperature rises.

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Technical Data Sheet

Weathering:

The natural tendency of epoxy coatings to chalk in outdoor exposure.

**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 HT 2000 for professional use only.

Renksan İnş. Mal. San. ve Tic. Ltd. Şti
Kırovası Mevkii, Kemalpaşa - İzmir
Tel: +90 232 877 03 78 pbx. f: +90 232 877 03 79
Email: info@renksanboya.com.tr