

CLEARCOAT

Description

Clearcoat provides a glossy, tack free surface, even under conditions of high humidity, and is effectively non-yellowing under the influence of UV light. The product cures rapidly and is a versatile, chemical resistant sealer/clear coating for concrete and the range of Epoxy screeds and mortars.

Typical Uses

As a clear sealer for Tufscreeed and Quartzscreed.

As a clear coating for concrete, natural stonework, etc.

Advantages

- * Solvent free, low odour
- * Excellent adhesion to concrete, and stonework.
- * UV stable
- * Cures under cool, damp conditions
- * Clear, glossy film
- * Low viscosity, easily applied
- * Good chemical resistance

Typical Properties

Appearance:	Clear liquid of low odour.
Viscosity:	350 - 400 cps@20C
Pot Life@ 20C:	25 - 30 minutes.
Coverage:	0.15 - 0.30 Kg/sq.m./coat
Tack free time:	8 hours @ 20C
Hard day time:	14 hours @20C
Full Chemical resistance:	7 days @ 20C
Chemical resistance:	Excellent resistance to dilute acids and alkalis, oil, petrol, diesel, vegetable oils.

PROCEDURE

1. Surface Preparation

a) Concrete surfaces shall be a minimum of 21 days old and/or the residual moisture content shall be below 6%. Ensure that the concrete is clean, and free from dust, laitance, grease, oil, curing compound and other contaminants.

Suitable mechanical treatment, such as vacuum grit blasting, is recommended to remove contaminants and to provide a mechanical "key" for Clearcoat.

b) Sealing Epoxy screeds: ensure that the Epoxy screed is clean and free from contaminants.

2. Mixing

Pour the contents of the CURING AGENT container into the BASE component and mix thoroughly, preferably by low speed drill stirrer. Allow to stand for 2-3 minutes prior to application.

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3. Application

Apply by brush or roller to the prepared surface at a nominal rate of 0.15-0.30 Kg/sq.m.

Should a second coat be required, allow the first coat to cure for a minimum period of 14 hours@ 20C.

For application to Epoxy screeds, Clearcoat may be applied by a squeegee until refusal, then 'back rolled' using a short pile lambswool roller to remove excess.

4. Equipment Cleaning

Clean all equipment with Toolclean, prior to curing of the resin.

5. Curing

Allow to cure for a minimum of 24 hours @20 C before opening to foot traffic, and 48 hours @20C prior to normal trafficking.

6. Packaging

Clearcoat is supplied in 1kg, 2kg, and 5kg packs.

7. Storage and Shelf Life

Store in dry conditions, out of direct sunlight, at temperatures between 10C and 25C. Do not expose to freezing conditions.

Clearcoat has a minimum shelf life of 12 months when stored in original, unopened containers in accordance with the manufacturers instructions.

8. Limitations

Do not apply to wet or uncured concrete surfaces.

Do not apply at temperatures of 3C or less.

9. Health and Safety

Avoid contact with skin and eyes.

Please refer to Material Safety Data Sheet for additional information.