

C1

CURING COMPOUND OIL BASED

CURING AND SEALING COMPOUND FOR CONCRETE

CURING COMPOUND **OIL BASE**

Curing Compound C1 is a solvent based, clear, acrylic resin polymer solution used to cure, harden and seal fresh or hardened concrete.

USES

Curing Compound C1 is used for optimum curing and sealing of fresh concrete floors and structures.

- Curing compound in order to limit surface drying and cracking.
- Provides curing and sealing for Polywed dry shake hardeners
- Anti-dust treatment and improvement of the abrasion resistance of existing concrete surfaces.
- Suitable for exterior and interior application.

ADVANTAGES

- Excellent moisture retention.
- Curing efficiency 90% (ASTM C-156).
- Good adhesion to old and new concrete.
- Quick drying. Helps control dusting for both new and existing concrete floor surfaces.
- Effectively cures and seals concrete surfaces in a single, economic operation
- Non-yellowing.
- Easy application by spray or roller.

STANDARDS

Conforms to the requirements of ASTM C-309 for curing liquids type 1, ASTM C-156 for water retention, and ASTM D-4060 for improvement of abrasion resistance.

PRODUCT INFORMATION

Composition	Solvent based Acrylic Resin
Packaging	20L /200 L
Appearance / Colour	Clear Liquid
Shelf Life	12 months from date of production
Storage Conditions	Store in unopened, undamaged and sealed original packaging in dry conditions at temperatures between +5 °C and +30 °C. Protect from direct sunlight, heat and moisture.
Density	Mixed Resin: 0.96 kg/l(at +25 °C)
Solid Content	18-20 % by weight

TECHNICAL INFORMATION

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APPLICATION INFORMATION

Curing Time	Foot traffic 2 hr ,Full cure 16 hr (+30 °C)
Consumption	0.1 - 0.25 l/m2/coat. This figure is theoretical and does not include for any additional material required due to surface porosity, surface profile
Overcoating	20 minute @ +30 °C

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APPLICATION INSTRUCTION

SUBSTRATE QUALITY / PRE-TREATMENT

Fresh Concrete:

Surface must be free of bleed water and of sufficient strength to withstand finishing operations. The concrete must be prepared by suitable power or manual floating / tamping techniques.

Hardened / Old Concrete:

The substrate must be prepared by suitable mechanical preparation techniques such as high-pressure water jetting or abrasive blast cleaning. All dust, loose and friable material must be completely removed from all surfaces before application of the Product, preferably by brush and / or vacuum. If in doubt, apply a test area first.

MIXING

Curing compound C1 is supplied ready for use. Stir thoroughly before use for a minimum of 2 minutes using a low speed electric stirrer (~300 rpm).

APPLICATION

For fresh concrete, apply immediately after finishing techniques have been completed. Apply in a continuous even film by low-pressure spray unit. The suitability of spraying equipment must be confirmed by trials. Application is also possible by brush or roller. To achieve the highest visual aesthetics and performance, a second coat is recommended. Wait for the first coat to dry tack free before applying a second coat.

CLEANING OF TOOLS

Clean all tools and application equipment with clean water immediately after use. Hardened / cured material can only be removed mechanically.

BASIS OF PRODUCT DATA

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

HEALTH AND SAFETY INFORMATION

For information and advice on the safe handling storage and disposal of chemical products, users shall refer to the most recent MSDS containing all the details.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application.



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