



Granicrete MC 30 Sealer

(Polyurethane Sealer)

Description

This sealer is a clear, single component, solvent based, VOC compliant sealer and glaze. This sealer's very hard polyurethane offers better gloss, UV resistance, and stain resistance than most other sealers. The solvent base allows the material to penetrate and adhere to concrete, porous brick, tile, and Granicrete's textures.

MC30 creates a glossy 'wet look'.

Uses

This sealer designed to seal and creates a 'wet look' on concrete, unglazed brick, tiles, and many other masonry surfaces. Perfect to seal Granicrete's textured surfaces.

Advantages

- ✚ UV Resistant
- ✚ VOC Compliant
- ✚ High Gloss
- ✚ Excellent Adhesion
- ✚ Chemical Resistant

Finish

Gloss

Color

Clear

Coverage

The coverage will vary depending on the surface. MC 30 will cover up to 400 square feet per gallon on a smooth surface and between 200-300 square feet per gallon on a rough surface. Do test area to determine coverage whether or not a 2nd coat is needed.

Packaging

1 gallon pail

Inspection

Surfaces must be structurally sound and sloped for drainage. The surface must be dry and free of oil, grease, curing agents, dirt, dust or other foreign material that may prevent proper adhesion. The surface must be porous or rough enough to allow the product to soak in.

Surface Preparation

As a sealer over concrete

When applying MC 30 directly over concrete as a clear sealer, the surface may be more lightly abraded as long as the sealer is thinned 50% with acetone and a test area is applied.

As a sealer over Granicrete decorative concrete

When applying MC 30 over Granicrete decorative concrete as a clear sealer, it may be used straight without any thinning agent unless thinning is desired.

Thinning

10 % Acetone may be added to thin material for better absorption, increased coverage, longer working time and to minimize bubbling.

Application

MC 30 may be sprayed, rolled or brushed in a thin coating.

ROLL or BRUSH: Immediately after mixing, spread a strip of the batch onto the surface along the edges where it will be cut in using a brush. Spread the remaining material near the cut in area evenly using a 3/8" or 1/2" nap non-shed, solvent resistant roller cover.

Apply quickly and do not over roll, as product will begin to tack-up as the curing process occurs. Thinning with acetone will help facilitate installation in most applications.

SPRAYING: Use a heavy-duty pesticide sprayer (i.e. Ortho). Use the low volume fan setting (generally colored yellow) for easiest application. Spray as lightly as possible to avoid puddling. Done correctly there will be no need to back roll product. If sprayed to seal over concrete, apply as above making sure to mix with equal part of acetone.

Drying Time

Allow 8 hours before light foot traffic or recoating. Normal traffic may be permitted after 24 hours. Allow 7 days vehicle traffic. Allow 72 hours before placing heavy objects on the surface.

Handling Precautions

Material is flammable. Extinguish all flames, pilot lights and electric motors until all vapors are gone and the coating is hard. The vapor is harmful. Use only with adequate ventilation and/or appropriate cartridge type respirator. Avoid contact with skin and wear protective gloves. Read Material Safety Data Sheets before using which are available online.

Slip and Fall Precautions

Granicrete recommends the use of slip-resistant agents coating or flooring systems that may be exposed to wet, oily or greasy conditions. These aggregates can be incorporated into the materials using different methods to achieve varying profiles and degrees of slip-resistance.

However, textured surfaces can be slippery under certain conditions. This type of activity on the flooring surface, maintenance procedures and type of footwear may all be factors to consider when deciding the degree of slip-resistance needed for given area.

Granicrete International, its independent distributors, and its independent installers will not be responsible for injury incurred in a slip and fall situation. It is the consumer's responsibility to provide for their own safety and to determine the suitability of these coatings for their particular application.

Limitations

- ✚ Do not apply in temperatures below 50°F or above 90°F.
- ✚ Do not apply more than 2 thin coats.
- ✚ Rain may cause uncured MC 30 to whiten. If inclement weather threatens during the coating process, cover deck to protect new application.
- ✚ Do not allow this product to FREEZE.
- ✚ Do a test area before you begin.
- ✚ Surface will become more slippery.
- ✚ Prior to coating previously sealed surfaces, do a small area to test for adhesion.
- ✚ Do not apply over water-based sealers or solvent based acrylic sealers.

Clean Up

Uncured material can be removed with acetone or similar solvent. To remove cured material, consult a Granicrete Representative.

Technical Data

V.O.C.	< 100 grams/liter
Weight/gallon 8.0 lbs.	Weight Solids 30%
Viscosity @ 77° F (Brookfield)	30-40 cps
Dry Time @ 77° F	3 hrs.
Direct Impact	140 inch-lbs.
Reverse Impact	40 inch-lbs.
Pencil Hardness	2H
Taber Abrasion, CS 17 Wheel, 1000g load, 1000 cycles	8.4 mg loss

Four Hour Spot Tests

IPA	No Effect
MEK	No Effect
Toluene	No Effect
50% Sodium Hydroxide	No Effect
50% Phosphoric Acid	No Effect
Aniline	Stain Only
50% Sulfuric Acid	Stain Only
37% Hydrochloric Acid	Lifting
100% Acetic Acid	Failure

This product is for use by Granicrete Independent applicators only. Wear Personal Protective Equipment.
Read MSDS before using this product.
DOT/Flash Point . Non-flammable Liquid Classification, not regulated.

Manufacturer/Distributor Warranty: As neither the manufacturer nor the distributor has control over the actual installation of this product, the manufacturer and distributor disclaim any and all warranties expressed or implied regarding color shade, appearance, and product performance at and after opening product containers. Manufacturer and distributor recommendations and suggestions are made without guarantee. Conditions of installer's and consumer's use of this product are beyond the control of manufacturer and distributor. Manufacturer and distributor disclaim any liability incurred in connection with the use of this product or information contained herein.