



CITADEL® CONCRETE GROUT COAT

DESCRIPTION AND USES

Citadel® Concrete Grout Coat is a water-based acrylic additive formulated to help fill the pores, pinholes, pitting, cracks, scratches and gouges to enhance the overall appearance of polished concrete. When the Concrete Grout Coat is applied to concrete, it uses the natural concrete aggregate to permanently fill these imperfections to create an aesthetically finished floor.

PRODUCT FEATURES AND BENEFITS

- Helps fill the majority of pin holes in concrete
- Ready to use, no dilution needed
- No waiting between polishing steps
- Improves Gloss and depth of image
- Environmentally Friendly
- No Odor
- Low viscosity and easy to apply

PRODUCTS

DESCRIPTION	SKU
Concrete Grout Coat 1 Gallon	353638
Concrete Grout Coat 5 Gallon Pail	353639

COMPANION PRODUCTS

DESCRIPTION	SKU
Concrete Densifier 1 Gallon	353622
Concrete Densifier 5 Gallon Pail	353632
Concrete Polish Guard 1 Gallon	353623
Concrete Polish Stain Guard 5 Gallon Pail	353633

PRODUCT APPLICATION

READ ALL INSTRUCTIONS CAREFULLY BEFORE STARTING PROJECT

CONCRETE REPAIR

All spalls and cracks must be chased out and repaired to ICRI standards using an appropriate patching material. If patching is required, use Citadel Concrete Repair Compound.

PRODUCT APPLICATION (cont.)

SURFACE PREPARATION (cont.)

NEW CONCRETE: New concrete should be allowed to cure for a minimum of 28 days. The concrete must be structurally sound, dry, and free of grease, oils, dust, curing compounds and other coatings or contaminants. Surface laitance must be removed. Rising moisture vapor emission rate must not exceed 3 lb. per 1000 sq. ft. over a 24 hour period as measured by calcium chloride test method ASTM F-1869.

PREVIOUSLY COATED: Existing coatings must be removed. The preferred method of surface preparation is to mechanically abrade the floor by diamond grinding to achieve a final 80–120 grit finish, reference profile CSP-2 according to ICRI. Concrete must be visibly dry at time of application.

MIXING EQUIPMENT

Low speed drill and spiral mixing wand.

Important: Hand mixing will produce inconsistent results and is not an approved method.

APPLICATION

Apply only when air, material and floor temperatures are between 50-95°F and relative humidity below 85% and at least 5°F above the dew point. Apply the Concrete Grout Coat to the surface with a pump sprayer. Spray the Concrete Grout Coat on the floor liberally with a pump sprayer 5'-10' feet ahead of the grinder. Spray until the concrete is saturated and leaves a white film on the surface. Run the grinder with 100-120 grit diamonds through the wet grout coat. The Concrete Grout Coat will combine with the concrete dust being created and that slurry will be forced into the holes.

Gently sweep the floor with a fine bristle broom to remove the balled up slurry. Grind the concrete with hybrid transitional diamond pads.

THINNING

None required

CLEAN-UP

Clean Tools and application equipment immediately after use with soap and water. Clean spills or drips while still wet with soap and water.



**CITADEL®
CONCRETE GROUT COAT**

PHYSICAL PROPERTIES

		CONCRETE GROUT COAT
Resin Type		Proprietary Acrylic Resin
Solvents		Water
Solids By Volume		10%
Volatile Organic Compounds		<49 g/l
Practical Coverage Rate		200-300 sq.ft./gal. Coverage rate can vary depending on the texture and porosity of the concrete
Dry Times at 77°F (25°C) and 50% Relative Humidity	Tack Free	2-4 hours
	Re-Coat	2 hours
Shelf Life		2 years
Flash Point		>200°F (93°C)
CAUTION!		Protect from freezing
Safety Information		See SDS

Calculated values are shown and may vary slightly from the actual manufactured material.

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