POLYGROUT

HYBRID POLYUREA/POLYURETHANE

SIMIRON POLYGROUT is a patented two-component hybrid polyurea/polyurethane designed for filling the pores, pinholes, pitting, cracks, scratches and gouges to enhance the appearance of polished concrete. When Polygrout is applied to concrete it create a permanent densification that will not breakdown like conventional inorganic densifiers.

Polygrout's high solids formulation allows voids in the concrete floor to be permanently filled, creating a higher gloss and depth of image of the finished polished floor. Polygrout can be used on polished concrete or terrazzo floors and blends with the concrete aggregate to create an aesthetically finished floor.

FEATURES & BENEFITS:

- Low Viscosity
- Grindable in 1 hour
- Moisture Resistant
- No Odor
- Creates a denser floor
- Improves Gloss
- Improves Depth of Image
- Walkable in 20 min
- Tinted to a variety of colors

RECOMMENDED USES:

- Polished Concrete
- Terrazzo Floors
- Cementitous Terazzo
- Self-leveling overlays.
- Concrete Micro-toppings
- Patching under coatings systems

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PRODUCT INFORMATION

PRODUCT NAME	SIZE	COLOR/FINISH	ITEM NUMBER
Polygrout Neutral Kit	2-Gallon	Neutral/Tintable	40006594
Polygrout Part A ISO	5-Gallon	Neutral/Tintable	40006600
Polygrout Part B Polyol	5-Gallon	Neutral/Tintable	40006617

Polygrout is designed to work with Simiron Polytints for polishing. Add 1 pint Polytint to 5 gallons Base (10 mixed gallons).

TECHNICAL DATA

PHYSICAL DATA	
Components	2 (ISO & Polyol)
Color	Neutral/Milky
Solids Content	100%
Mix Ratio (by volume)	1: 1
Mixed Viscosity	175cP
VOC (EPA Method 24)	< 50

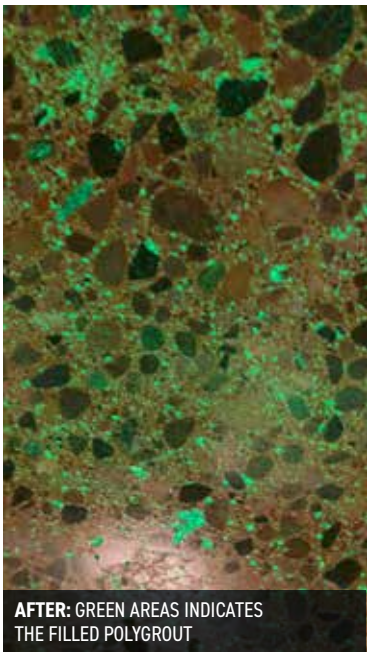
THEORETICAL COVERAGE
500 – 1,000 square feet per gallon.
Coverage will vary with the condition of the floor, application method, profile and porosity of the surface.

CURE TIMES	
Work Time	15-20 minutes on floor
Tack Free/Walk	20 minutes
Grindable	60 minutes
Light Traffic	10 minutes
Heavy Traffic	30 minutes

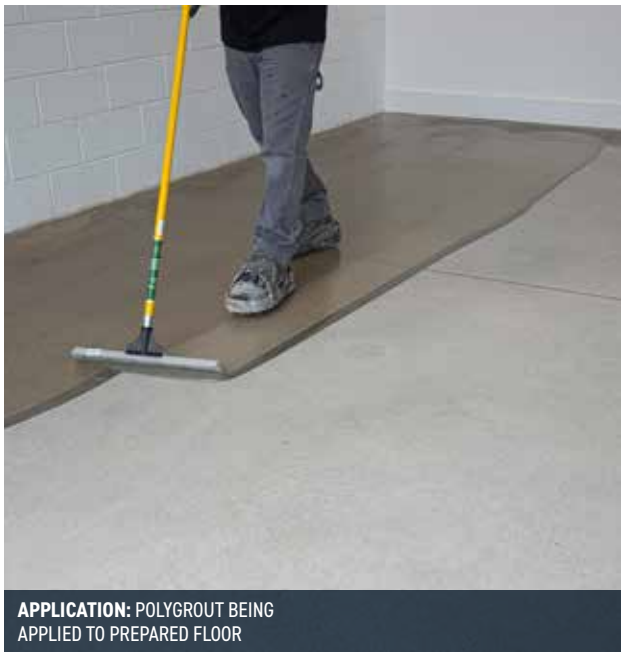
PHYSICAL PERFORMANCE PROPERTIES

PHYSICAL PROPERTIES	TEST METHOD	RESULTS
Adhesion to Concrete	ASTM D7234	> 300 psi
Compressive Strength	ASTM D695	6,500 psi
Elongation	ASTM D638	3%
Hardness, Shore D	ASTM D2240	75
Shrinkage	C531	Negligible
Tear Strength	ASTM D624	285 lbs/ft
Tensile Strength	ASTM D638	4,500 psi

BEFORE: EXAMPLE OF POUROUS CONCRETE



AFTER: GREEN AREAS INDICATES THE FILLED POLYGROUT



APPLICATION: POLYGROUT BEING APPLIED TO PREPARED FLOOR

SIMIRON™

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SCAN FOR MORE INFO