

SG-SCP20 SINGLE COMPONENT POLYUREA / POLYASPARTIC COATING SYSTEM

SG-SCP20 is a clear one component Polyurea / Polyaspartic coating that solves the issues associated with Polyaspartic system. SCP20 eliminates pot-life issues because no mixing is involved, the product will not begin to cure until it's been applied. Once the product is on the substrate the SCP20 has 25-35 minutes working time with an application rate of 180-225 sqft, per gallon. The product has excellent self-leveling capability, won't leave roller marks and has a tack free time of 2-3 hours



Durable and Abrasion Resistant

**Rapid Cure Time
Tack Free in 2-3 hours**

Industrial Applications

TYPICAL USES

- Warehouse floors
- Garage floors
- Manufacturing facilities
- Stain system top coat
- Shop floors
- Overlay top coat

FEATURES

- Rapid cure time
- Unlimited pot-life
- UV resistant
- No mixing
- Abrasion resistant
- Durable

CURING

At 75°F (24°C) and 50% relative humidity allow to cure for 8-12 hour prior to permitting light foot traffic and 24-36 hours before permitting heavy traffic. Allow 24-48 hour of curing prior to permitting wheel traffic and parking on the surface.

SPECGUARD COATING SYSTEMS

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SG-SCP20 SINGLE COMPONENT POLYUREA COATING SYSTEM

A Unique Alternative to Epoxy, Urethane, Acrylic and Polyaspartics



APPLICATION

SG-SCP20 can be applied by using a 3/16" low Nap adhesive type roller with a solvent resistant core. A 1/16" V- notch squeegee can be used and then back rolled. SG-SCP can be applied using brush, airless sprayer and cup sprayer at low pressure. SG-SCP20 should be applied at 4-8 mils. Thicker application will increase the cure time.

SURFACE PREPARATION FOR STEEL

For best results; SSPC-SP10 or NACE 2 Near White Metal Blast Cleaning A White Metal Blast Cleaned surface, when viewed without magnification, shall be free of all visible oil, grease, dirt, dust, mill scale, rust, paint, oxides, corrosion products and other foreign matter. Compatible with Zinc and Epoxy primers.

SURFACE PREPARATION FOR CONCRETE

Reference SSPC-SP13 / NACE #6, ASTM D 4259, ASTM D 4260. Surfaces must be clean, sound, dry, and free of oils, grease and other bond inhibiting contamination. Failure to properly prepare the surface could result in the product delaminating from the surface. All contamination, form-release agents, efflorescence, curing compounds, shall be removed. Minimum profile range must be achieved to insure good mechanical bonding.

PACKAGING

Quart cans, 1-gallon cans and 5-gallon pails.
Product is sold CLEAR. Standard colors packs available
Shelf life 1-year from the date of manufacturing

SG-SCP20 STANDARD COLORS



TECHNICAL DATA

PHYSICAL PROPERTIES

SCP20 POLYUREA COATING	
Non-compliant SCAQMD areas	250 gm/liter (voc)
Pot life @ 75°F (24°C) 50% RH	Single component
Curing (each coat)	2-6 hours
Light foot traffic	8-12 hours
Wheel traffic	2-3 days
Tack free @ 72°F	2-3 hours
Total Solid Content (Volume)	62 %
Elongation ASTM D-412	25%
Tensile (psi)	4800 (clear)
Color stability excellent	100% aliphatic
Tear ASTM D-624	550 lbs/in
Hardness ASTM D-2240	70-75 D
Shelf life	12- months
Viscosity range (SC)	800 cps

ABRASION RESISTANCE ASTM 4060-90

Taber Abrader CS-17 Wheel 12.0 mg loss 1000gm / 1000 cycles.

COVERAGE RATES (Dry) (Per Gallon) Subject to substrate condition (estimate)
2.0 Mils = 500 sqft /
4 Mils = 250 sqft. / 8 Mils = 125 sqft.

Chemical Resistance ASTM D543 (24 hour full Immersion)

Sulfuric Acid 5%	G	Rating: E= No Effect G= Limited Effect F= Moderate Effect P= Unsatisfactory
Sulfuric Acid 10%	F	
Citric acid 1%	E	
Isopropyl Alcohol 99%	F	
Aviation Fuel	G	
Diesel Fuel	G	
Gasoline	E	
Ammonia	E	
Sodium Hydroxide	E	
Sodium Hypo Chlorite 5%	E	
Lactic Acid	F	
Hot Tire	E	
Brake Fluid	P	
Sulfuric Acid (Battery, Acid)	F	

PRECAUTIONS

Moisture vapor emission in the concrete (MVE) to be less than 3-pounds per 1000 sq. ft. for 24-hour period. Calcium Chloride test ASTM F1869-98 recommended. Should not be applied in direct sunlight or on elevated surface temperatures. Not recommended for outdoor application with potential moisture vapor drive concerns.

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