

### DESCRIPTION

The SUPER SEAL 3.0™ is based on amine-terminated polyether resins, amine chain extenders and MDI prepolymers. It provides a flexible, resilient, monolithic membrane with superior water, mold, mildew, dirt, bacteria and chemical resistance.

ATI's industrial-grade sealant is installed by ATI certified specialists using our patented specialized equipment and application processes.

SUPER SEAL 3.0™ provides a state-of-the-art, highly versatile, long lasting solution with enhanced structural integrity and protection.

### FEATURES AND BENEFITS

- 20 Year Limited Warranty
- 100% Ultraviolet (UV) Resistant
- No CFC/HCFC or Formaldehyde
- NFPA and UBC Class I Fire Rating Compliant
- Meets the requirements of ASTM E84-97a
- Meets the requirements of ASTM C-411 and UL 181
- Resists Water, Mildew, Mold, Dirt, Bacteria, Fungus, Chipping and Flaking
- Hydrophobic, therefore unaffected by damp, cool surfaces during application
- Rapid set allows for vertical applications
- Non-corrosive to steel, copper, aluminum and other metals
- Mimics the surface that it is being applied to
- Extended tack time allows deep surface penetration thus providing superior adhesion
- High temperature stability up to 250° F (121 °C) and intermittent temperatures up to 300° F (148 °C)
- High Abrasion Resistance
- Zero Static Conductivity

### COLORS

The standard colors are the battleship gray and black. Customized colors are available.

It should be noted that SUPER SEAL 3.0™ is an aromatic polyurea, therefore, as with all aromatics over a period of time a slight color change as well as superficial oxidation will occur.

### RECOMMENDED APPLICATIONS

- Replacement of PVC and galvanizing of structural components.
- Covers various infrastructure components and fixtures while sealing cracks and crevices that are impossible to seal with conventional methods.
- Seals a wide array of aluminum, steel, plastics and concrete.

### TECHNICAL SPECIFICATIONS

#### DRY PROPERTIES\* @ 60 mils @ 77°F (25°C)

Hardness (Shore A)	95 ± 5%	
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100% Modulus	959 psi (6.6 mpa) +/- 5%	
300% Modulus	1,507 psi (10.3 mpa) +/- 5%	
Tensile Strength	3,288 psi (22.6 mpa) +/- 5%	
Abrasion Resistance 1 kg. 1000 rev.	H-18 wheel	109 mg. lost
	H-22 wheel	50 mg. lost
Tear Resistance	494 PLI (86 KN/m) ± 50	
Recommended Service Temperature Range	-60°F – +250°F	
	(-50°C - +121°C)	
Flame Spread	Class I	
Smoke Density	Class I	
Elongation @ 72°F (22°C)	752%	
Weatherability 3000 Hours QUV	No Evidence of Failure	
Color	Battleship Gray or Black	

*\*All dry film properties are approximate since processing parameters, as well as added mixture types (i.e. colors) and quantities will change physical properties of cured elastomer. All samples for above tests were force cured or aged for more than three weeks.*

#### WET PROPERTIES @ 77°F (25°C)

Solids by Volume	100%
Solids by Weight	100%
Volatile Organic Compounds	0 lbs/gal (0g/l)
Theoretical Coverage DFT	100 sq. ft. @ 16 mils/gal
Weight per gallon (approx.)	8.55 lbs. (3.87 kg)
Number of Coats	1-2
Mix Ratio	1 "A": 1 "B"
Viscosity (cps) @ 77° F (25 °C)	A: 400 approx.
	B: 550 approx.
Shelf Life @ 60-90°F (15-32°C)	Six months

#### CURING SCHEDULE

Gel	8 Seconds (± 2 seconds)
Tack Free	60 Seconds (± 5 seconds)
Post Cure**	24 Hours
Recoat	0-12 Hours

*\*\*Complete polymerization to achieve final strength can take up to several days.*

SUPER SEAL 3.0™ is a spray-applied sealant solution that is delivered by ATI's patented specialized equipment.

