

POLAGARD AG™

Anti-Graffiti Coating



Performance
Coatings & Sealants
Systems

DESCRIPTION

POLAGARD AG (Anti-Graffiti) is a remarkable aliphatic urethane that cures to form an extremely tough, hard-wearing, protective coating. It will vigorously protect the substrate against graffiti and vandalism, weather, chemical attack and abrasion. POLAGARD AG meets or exceeds all Department of Transportation coating system requirements for soundwalls, bridges and Jersey barriers

OUTSTANDING FEATURES

- ✓ Can be used over brick, stucco, concrete, structural steel, industrial equipment and other surfaces
- ✓ Graffiti can be removed repeatedly without damaging or sacrificing POLAGARD AG or the substrate
- ✓ Protects your investment by increasing the effective service life of the substrate
- ✓ Is waterproofing, and salt & chemical resistant
- ✓ Facilitates easy, rapid removal of graffiti, dirt, soot, and other contaminants
- ✓ Remains tough at low temperatures and will not soften at high temperatures
- ✓ Easy to apply by brush, roller or airless spray
- ✓ Protects metals with corrosion-inhibiting components

- ✓ Resists age-induced embrittlement and retains long-life flexibility
- ✓ Sets quickly and develops strength rapidly

APPLICATION

The substrate must be dry, clean and free of loose particles, oils or any coating or substance that would interfere with bond. Cracks should be routed out and filled with an approved sealant. Existing graffiti may be blocked with Polaprime 7. Refer to the Polaprime data sheet for priming information for metals or previously coated surfaces. POLAGARD AG may be applied directly to new concrete provided it is at least 28 days old. It is advisable to test previously treated or coated surfaces by first applying Polaprime (if required) and POLAGARD AG to

a 4'x4' area and allowing it to cure. Later, inspect the test area for adhesion, voids or sags. It may be necessary to sand or rough previously painted surfaces to improve bond performance. Once the surface is prepared, thoroughly blend Part A and Part B for 5 minutes. POLAGARD AG may be applied by brush, roller, or airless spray. If POLAGARD AG is to be overcoated with POLAGARD AG Clear, it must be applied after 12 hours and before 7 days.

LIMITATIONS

Do not apply to frozen surfaces. Do not apply unless the temperature can be maintained above 40°F for 8 hours. Application must be protected from precipitation for at least 4 hours. Do not contaminate product with moisture.

SPECIFICATIONS

Sealer Type	Aliphatic Urethane
VOC	350 gms/liter
Pot Life	2 hours at 70°F
Shelf Life	12 months
Recommended Thickness	3 mils dry film thickness
Coverage	260 square feet per gallon
Packaging	3-gallon and 15-gallon units
Color	Clear

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MAINTENANCE

To remove graffiti, use environmentally approved cleaner. To repair any damage to the coating system, call our Technical Department for assistance.

PRECAUTIONS

WARNING! This product is flammable. Keep away from sparks and open flame. Use manual

spray equipment or EP (explosion proof) rated equipment. Use only in well ventilated areas. Keep container tightly closed when not in use. Do not ingest. In case of ingestion, do NOT induce vomiting and seek immediate medical attention. In case of eye contact, rinse with water for 15 minutes and seek immediate

medical attention. For skin contact, wash off at the earliest opportunity with cleanser, pumice and water. Wear rubber gloves, safety goggles, and coveralls when applying. Keep out of reach of children and pets.

TECHNICAL DATA		
Flexibility at Low Temperature	180 deg. bend @ 20°F	ASTM C-711
Elongation Unsupported	10%	ASTM D-412
Tensile Strength	3,000 psi	ASTM D-412
Flashpoint	105°F	FTMS 141A(M4293)
Solids Content	68% (B.W.); 64% (B.V.)	ASTM D-1044
Abrasion Resistance	27 lt/mil	ASTM D-968-51
Shore 'A' Hardness	97	ASTM D-2240
Moisture Vapor Transmission	1.84 gms/M2/24 hrs (=0.16 perms)	ASTM E-96
UV Resistance	No chalking or deterioration	Passes 5 years
Chemical Resistance	Alcohols, ketones, some aromatics and chlorinateds	
Dry Time	6 hrs @ 70° F (50% RH)	
Cure Time	72 hrs @ 70° F (50% RH)	

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Effective Date: 02/2009

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