PRODUCT DATA

POLAGARD S™

Fungus Resistant Coating

Performance Coatings & Sealants Systems

DESCRIPTION

POLAGARD S is an air drying, PVC terpolymer based, high-build elastomeric, waterproof coating. It contains a powerful, non-mercurial fungicide which provides protection against mold and mildew in areas prone to microbiological growth. POLAGARD S has low toxicity and is ideal for use in areas where food and drink are stored or prepared.

OUTSTANDING FEATURES

- High tensile strength and elongation
- Resists attack from mold and mildew
- Bridges and hides cracks while allowing the substrate movement
- Won't trap water or create a vapor barrier
- Enhances the appearance of a structure
- Can be used in areas prone to microbiological growth

APPLICATION

Surface must be firm and free of loose debris, oils, grease, dirt, mildew or any substance that may interfere with bond. Surfaces showing any signs of previous or living fungus growth must be treated with a fungicide wash. All cracks larger than 1/32" need to be filled with a good grade acrylic caulk. All other types of repairs or patches must be made prior to coating larger than 1/32" need to be filled with a good grade acrylic caulk. All other types of repairs or patches must be made prior to coating as well. Allow repairs to cure before beginning application. Surface may be slightly damp but not too wet. An overly damp surface may promote runs or sags. It is advisable to test previously coated or treated surfaces by first applying POLAGARD S 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.

POLAGARD S is applied straight out of the can after 2 minutes of low speed stirring or mixing. Apply the product using brush, roller or airless spray technique. For airless spray technique, use equipment similar to a 30:1 ratio Grayco with a #36 tip. When spraying, it is advisable to backroll the first coat to eliminate small voids or pocks at the surface.

POLAGARD S may be thinned with no more than 4 ounces of water per gallon if necessary. Apply POLAGARD S in 2 coats at a wet thickness of 12-15 mils per coat. Apply the second coat after the first coat has set (about 2-4 hours).

LIMITATIONS

Do not apply to frozen or saturated surfaces. Do not apply if the temperature cannot be maintained above 35°F for 4 hours after completion of application. Do not apply if precipitation is forecast within 4 hours of completion of application. Protect product from freezing. Shelf life is 12 months in closed containers stored indoors.

SPECIFICATIONS	
Coating Type	PVC Terpolymer
VOC	Zero grams/liter
Pot Life	Single part
Shelf Life	12 months
Recommended Thickness	10 mils dry film thickness
Coverage	90 - 120 square feet/gallon
Packaging	One gallon cans and five gallon pails
Color	White and other standard or custom colors

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MAINTENANCE

If a surface becomes dirty, spray with a mild soapy water solution and rinse with clear water. Do not use high pressure spray or solvents. For harder to clean areas or damaging coating ,recoat with POLAGARD S. Clean tools and equipment with water before POLAGARD S dries; after that, solvent cleaning may be necessary.

PRECAUTIONS

POLAGARD S is an alkaline water-based product. Avoid contact with skin and eyes. In case of contact, immediately flush with clear water. For eye contact, get medical attention in addition to flushing. Avoid inhalation of spray mist. If spray mist is inhaled, seek immediate medical attention. In case of ingestion, induce vomiting and seek immediate medical attention. Wear rubber gloves, coveralls and safety goggles when applying this product.

Keep out of reach of children and pets.

For more information, call our Technical Department.

TECHNICAL DATA		
Moisture Vapor Transmission	3.36 perms	ASTM E-96
Elongation	500%	ASTM D-412
Tensile Strength	350 psi	ASTM D-412
Solids Content	69% (B.W.); 65% (B.V.)	ASTM D-1044
Weatherometer (5000 hours)	Pass	ASTM G-23
Shore 'A' Hardness	53	ASTM D-2240

Effective Date: 09/2010

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