

# POLAGARD CLASSIC™

## P.V.C. Encapsulating Coating



Performance  
Coatings & Sealants  
Systems

### DESCRIPTION

POLAGARD CLASSIC is a high quality, water-based, elastomeric wall coating with waterproofing properties. It may be applied to a wide variety of substrates, including concrete, concrete block, stucco, brick, wood and metal. It produces a permanently flexible coating to bridge hairline cracks and withstand thermal movement in a substrate. POLAGARD CLASSIC provides a satin-type finish that is architecturally enhancing, long-lasting, and weatherproof.

### OUTSTANDING FEATURES

- ✓ Produces a breathable coating; protects from rain, wind, snow and ice
- ✓ Resists UV, mildew, and chemical attack; has excellent alkali and chalking resistance
- ✓ Remains flexible, tough and weatherproof
- ✓ Has a Class 1 fire rating
- ✓ Will not create a vapor barrier
- ✓ Convenient to transport, apply, and clean up
- ✓ Protects against acid rain, fungal attack, and corrosion

### APPLICATION

Surface must be firm and free of dirt, efflorescence, oils, grease, loose debris or any other substance that may interfere with bond. It is advisable to have a dry substrate. If the surface is damp, test the surface first by

applying coating to a 4' x 4' area. If no sags or runs occur within 30 minutes and the coating appears to be taking a normal cure, application can proceed. Previously coated or treated surfaces must be tested prior to application to insure proper adhesion. It is advisable to fill any heavily pocked, spalled or broken areas of substrate. Repair cracks greater than 1/16" with a premium grade of acrylic caulk. Mound the caulk slightly so that the repair is flush with the wall surface and allow to cure 4 to 6 hours. Apply POLAGARD CLASSIC over repaired areas. POLAGARD CLASSIC may be brushed, airless sprayed, or rolled. For airless spray, be sure to use a reversible tip (a #36 orifice is a recommended starting tip). For roller application, a 1-1/4" nap roller provides good results. The nap thickness can be varied to accommodate the

substrate. POLAGARD CLASSIC may be thinned with no more than 3-5 oz. of water per gallon. Apply two coats at 15-20 wet mils thickness per coat. Allow the first coat to set (approx. 2-4 hours) before applying the second coat. It is advisable to backroll the first coat to insure optimum weatherproofing and reduce pinholing. Power stir product for 2 minutes at low speed before use. Always apply to the shaded areas of the building with ambient surface temperatures. Unshaded areas may have high surface temperatures that can cause rapid skinning of the coating and blisters may appear.

### LIMITATIONS

Do not apply to frozen or saturated surfaces. Do not apply if the temperature is predicted to drop below 35°F within 4 hours of completion of application. Do

SPECIFICATIONS	
Coating Type	Water borne elastomeric
VOC	Zero gms/liter
Pot Life	Single component
Shelf Life	12 months
Recommended Thickness	15 mils dry film thickness
Coverage	120 square feet per gallon average per coat
Packaging	1 gallon, 5 gallons, and 55 gallons
Colors	26 standard colors available

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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.

**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 damaged coating, re-coat with POLAGARD CLASSIC. Clean tools and equipment with water before Polagard Classic dries; after that, solvent cleaning may be necessary.

**PRECAUTIONS**

POLAGARD CLASSIC is an alkaline water-based product. Avoid contact with skin and eyes. In case of contact, immediately flush with clear water. For eyes, 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, immediately contact a physician. Wear rubber gloves, coveralls, and safety goggles when applying Polagard.

**TECHNICAL DATA**

<b>Moisture Vapor Transmission</b>	3.36 perms	ASTM E-96
<b>Tensile Strength</b>	350 psi	ASTM D-412
<b>Elongation</b>	500%	ASTM D-412
<b>Solids Content</b>	69% (B.W.); 65% (B.V.)	ASTM D-1044
<b>Shore 'A' Hardness</b>	53 degrees	ASTM D-2240
<b>Weatherometer (5000 hours)</b>	Pass	ASTM G-23
<b>Surface Fire Resistance</b>	Class 1	ASTM E-108
<b>V.O.C. Content</b>	Zero	
<b>Food Service Areas</b>	Meets USDA/FDA requirements	

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