

PRODUCT DESCRIPTION

The Flexcoat Ceramic is a high solids, technologically advanced, fire retardant, thixotropic, 100% acrylic elastomeric uniquely formulated for the protection of spray foam, metal, and a wide variety of other substrates. The proprietary formulation incorporates high solids elastomeric acrylic resins, ceramic beads, reinforcing laminar pigments and non-migrating fire retardants to produce a seamless flexible durable top coat having exceptional weather ability, ultraviolet and fire resistance.

CHARACTERISTICS	SURFACE PREPARATION
<p>PRODUCT Color.....White Base.....100% Acrylic Resin Weight per gallon.....10.0lbs Solids by weight (ASTM 2369).....55% Solids by volume.....46% Viscosity15,000 cP Dry film thickness @ 1 gallon/100 sq. ft.).....6.5 mil Dry time / exposure to rain.....4-6 hrs Dry time / between coats.....24 hrs minimum Solvent.....none</p> <p>PERFORMANCE Elongation.....215% Recovery.....100% Tensile strength.....400 psi With Fabric 3600 psi Hardness.....45 Shore A Accelerated weathering (3800 hrs).....No effect Permeance.....3.4 perms Algae/Fungi Resistance.....No Growth Salt Spray (3000 hrs).....No effect</p>	<p>The surface must be power washed with a minimum 2000psi power washer. All dirt, loose paint, rust, excessive chalk, or other foreign material must be removed for proper adhesion. Surface must be completely dry prior to application of the finish coat.</p> <p>Previously coated surfaces must be tested or a complete removal will be necessary. Check the compatibility by applying a test area of 2-3 square feet. Allow one week to cure before testing adhesion per ASTM 3359.</p> <p>For the following Substrates refer to system specifications for detailed application procedures: BUR, modified bitumen, asphaltic surfaces, granulated cap sheets, etc.</p> <p>IMPORTANT: Ponding Water conditions are to be avoided.</p>
PERFORMANCE TIPS	APPLICATION
<ul style="list-style-type: none"> Ensure the proper adhesion of finish coat. Ensure finish coat is clean. Use wet mil gauge during application. Allow minimum of 24 hours between coats. Slope of roof must not be less than 1/4" per foot. Any discharge of fumes or possible containments must be noted. Contact IPP when in doubt. Follow written application specification for substrate be coated. 	<p>CONDITIONS: Do not apply below 50° F (10° C) or when rain is forecast. Allow 4-6 hours of dry time before being subjected to rain, heavy dew, or temperatures below 50 F°.</p> <p>EQUIPMENT: Airless Spray- <ul style="list-style-type: none"> 3300 PSI Tip: .031 orifice / 60° Fan Brush/Roll: <ul style="list-style-type: none"> Soft brushes 3/4" nap roller May require multiple coats </p> <p>PROCEDURES: Surface preparation must be completed. Mechanically mix for a minimum of 3 minutes. Apply each coat at a rate of 1 gallons per 80 square feet (12-16 wet mil). Allow to cure a minimum of 24 hours between coats or prior to foot traffic. Allow 4-6 hours before exposure to rain or heavy dew. Drying time is temperature, humidity and film thickness dependent. Clean with warm, soapy water.</p>

RECOMMENDED USES

Flexcoat Ceramic elastomeric roof coating will provide and elastic barrier over approved surfaces. The Flexcoat Ceramic coat is to be used in conjunction with the Flexcoat Base Coat.

IPP is recognized in the industry for providing high quality products and customer value. IPP's products have passed stringent ASTM testing, received Energy Star certification, FM Global approvals, Miami-Dade County, Florida Building Code, California Title 24 approvals and are CRRC rated.