



IPA SYSTEMS

IPALASTIC

Water-based, Waterproof Acrylic Coating



IPA SYSTEMS

QUALITY PRODUCTS FOR THE CONCRETE /MASONRY REPAIR INDUSTRY

Description

Ipalastic is a water-based, waterproof, VOC-compliant, elastomeric, 100% acrylic decorative coating. Its elastic properties are designed to provide long term protection and waterproofing.

Where to Use

Ipalastic elastomeric coating is a protective coating for vertical and overhead substrates such as Concrete, Masonry, Block, Stucco, CMU, EIFS, Wood, Metal and other porous and non-porous surfaces. It can be utilized for many types of projects: New constructions, restorations or maintenance work where a decorative, protective elastomeric coating is needed.

Advantages

- ◆ Made in America
- ◆ Available in smooth, fine, and coarse textures
- ◆ Flexible even at low temperatures
- ◆ Excellent UV resistance and color retention
- ◆ VOC compliant, water-based– easy clean up
- ◆ No plasticizers– will not become brittle with age
- ◆ Breathable– will allow moisture to escape

Coverage

Will vary with the applicator and porosity of the surface to be coated. One gallon of Ipalastic (Smooth) will cover approximately 100 sq. ft. at a dry film thickness of 8 mils.

Packaging

Ipalastic is available in 5 gallon pails and 55 gallon drums through IPA Systems Distributors.

Shelf Life: One year in unopened container.

Color: Ipalastic is available in 15 standard colors and white. Custom blended colors are available upon request. Contact your distributor for color matching details.

Technical Data

Tensile strength	218 psi (1.5 MPa)	Dirt pick-up resistance	Excellent
Elongation at maximum stress	187%	Mildew	None
Recovery	60%	Percentage Plasticizer	None
Elongation at break	233%		
Low temperature flexibility			
0°F (-17.8°C)	Pass*		
-15°F (-26.1°C)	Pass		
-34°F (-36.7°C)	Pass		
Weight	12.3 lbs/gallon (1.5 kg/l)		
Viscosity	126 k.u.		
Total Solids	68.9%		

Additional Data – Maximum 2 Week Cure

Tensile strength at maximum stress	169 psi (1.2 MPa)	Dry peel adhesion	Excellent
Tensile strength at break	135 psi (0.9 MPa)	Wet peel adhesion	Excellent
Elongation at maximum stress	80%		
Elongation at break	325%		
Recovery after 25% elongation	72%		
Low temperature flexibility at -15°F (-26.1°C),			
1 week cure	Pass		
300 hour Weather-O-Meter	Pass		
Acid resistance	Good		
Base resistance	Good		

IPA SYSTEMS, INC

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Surface Prep

All surfaces to be coated must be cleaned of any film, scale, loose material, oils, grease and any other foreign material that will prohibit bond or cause staining of the Ipalastic. Any holes or uneven cracks or joints should be repaired and leveled prior to the installation of Ipalastic. All smooth and previously coated surfaces should use Ipalastic primer. A mock up followed by an adhesion test should be performed to verify adhesion to substrate.

Mixing

Apply directly from the container after mixing. DO NOT add additional water.

Application

Ipalastic may be applied with a brush, roller or spray equipment. Always apply Ipalastic continuously to natural breaks. When detailing hairline cracks with Ipalastic prior to coating, feather edge material away from cracks to avoid read-through.

Use Ipalastic primer on cement based repairs and chalking surfaces.

DRYING TIME: Two to three hours. Second coat may be applied after 24 hours.

Limitations

- ◆ Minimum material, surface and ambient temperature must be 40°F and not to go below for 24 hrs.
- ◆ Do not applied to horizontal surfaces or traffic areas
- ◆ Maximum application temperature is 100°F
- ◆ Do not allow material to freeze, cannot be used if material freezes.

Clean up

Clean all tools and equipment with warm soapy water

Caution

FOR INDUSTRIAL USE ONLY

Warranty

This product is warranted and guaranteed to be of good quality. Manufacturer, as its sole and exclusive liability hereunder, will replace material if proved defective. This warranty and guarantee are expressly in lieu of all others, express or implied, including any implied warranty of merchantability or fitness for a particular purpose and may not be extended by representatives or any persons, written sales information, or drawing in any manner whatsoever. While the manufacturer recommends uses for the product based on tests believed reliable, no warranties, express or implied, or guarantee can be given as to particular methods of use or application, nor can performance be warranted, expressly or impliedly, or guaranteed under special conditions. Distributors, salesperson or company representatives are not authorized to extend or vary any warranties or guarantees beyond those outlined herein nor may the manufacturer's or seller's limitation of liability be waived or altered in any manner whatsoever.

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