

# FLEX COAT ACRYLIC TOP COAT SYSTEM



## DESCRIPTION

The Flexcoat Base Coat Elastomeric Roof Coating consists of the highest quality 100% Acrylic Polymer designed for use on most surfaces. Flexcoat has excellent adhesion when applying to other Instacoat Products. The Flexcoat is also formulated to resist cracking and peeling.

## RECOMMENDED USES

Flexcoat elastomeric roof coating will provide an elastic barrier over approved surfaces. The Flexcoat is a two coat system consisting of the Flexcoat Base and Flexcoat Finish or Flexcoat Ceramic. The Flexcoat system offers excellent reflectivity to reduce surface and internal temperatures.



## PERFORMANCE TIPS

- Ensure the proper adhesion of base coat.
- Ensure base coat is clean.
- Use wet mil gauge during application.
- Allow minimum of 12-24 hours between coats.
- Slope of roof must not be less than 1/4" per foot.
- Any discharge of fumes or possible contaminants must be noted. Contact IPP when in doubt.
- Follow written application specification for substrate to be coated.

## SURFACE PREPARATION

The surface must be power washed with a minimum 3000psi 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 base coat.

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.

For the following Substrates refer to system specifications for detailed application procedures: BUR, modified bitumen, asphaltic surfaces, granulated cap sheets, etc.

**IMPORTANT:** Where ponding water conditions persist beyond 48 hours a drain or corrective measures must be taken to eliminate water build-up prior to application.

## APPLICATION

### CONDITIONS

Do not apply below 50° F (10° C) or when the temperatures are expected to fall below freezing within the next 24 hours. Do not apply when rain is forecast within the next 24 hours.

### EQUIPMENT

#### Airless Spray

- 3300 PSI
- Tip: .031 orifice / 60°

#### Fan Brush/Roll

- Soft brushes
- 3/4" nap roller
- May require multiple coats

### PROCEDURES

Surface preparation must be completed. Minimal mixing required. Apply each coat at a rate of 1-2 gallons per 100 square feet. Must be applied with a minimum of 2 coats. Recommended dry film thickness of 25 mil. During application must be applied in multiple directions. Back rolling may also be necessary. Allow to cure a minimum of 12-24 hours between coats or prior to foot traffic. Drying time is temperature, humidity and film thickness dependent. Clean with warm, soapy water.

## ENVIRONMENTAL

All the Flexcoat Products are eco friendly

- Water Based
- Contain No Solvents
- Emit no VOC's

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.



877-552-6724 | [www.instacoat.com](http://www.instacoat.com)  
44648 Mound Rd. Ste. 104 Sterling Heights, MI 48317

# FLEX COAT ACRYLIC TOP COAT DATA SHEET



## PRODUCT AND PERFORMANCE CHARACTERISTICS

	Flexcoat Base	Flexcoat Finish	Flexcoat Ceramic
Color	Gray	White	White
Base	100% Acrylic Resin	100% Acrylic Resin	100% Acrylic Resin
Weight Per Gallon	11.4 lbs	11.4 lbs	10 lbs
Solids by Weight	68%	68%	55%
Solids by Volume	60%	60%	46%
Viscosity	6,500-9,000 cP	8,000 cP	15,000 cP
Dry Film Thickness <sup>1</sup> Gallon /100 ft <sup>2</sup>	9 mil	9 mil	7 mil
Dry Time Recoat	12-24 hrs	12-24 hrs	12-24 hrs
Dry Time Touch	4-6 hrs	4-6 hrs	4-6 hrs
Solvents	None	None	None
Elongation	315%	315%	215%
Recovery	100%	100%	100%
Tensile Strength	400 psi	400 psi	400 psi
Fabric Reinforced Tensile Strength	3,600 psi	3,600 psi	3,600 psi
Hardness	45 Shore A	45 Shore A	45 Shore A
Permeance	3.4 Perms	3.4 Perms	3.4 Perms
Accelerated Weathering (3800 Hrs)	No Effect	No Effect	No Effect
Algae/Fungi Growth	No Growth	No Growth	No Growth
Salt Spray (3000 Hrs)	No Effect	No Effect	No Effect
Solar Reflectivity	N/A		72%72%

Contact IPP for other color choices for the Flexcoat Finish and Ceramic.

Please read all information in the general guidelines, product data sheets, guide specifications and material safety data sheets (MSDS) before applying material. Published technical data and instructions are subject to change without notice. Contact your local IPP representative or visit our website for current technical data and instructions

### LIMITED WARRANTY

IPP warrants its products to be free of manufacturing defects and that they will meet IPP current published physical properties. IPP warrants that its products, when properly installed by a state licensed waterproofing contractor according to IPP guide specifications and product data sheets over a sound, properly prepared substrate, will not allow water migration for a period of 12 months. Seller's sole responsibility shall be to replace that portion of the product which proves to be defective. There are no other warranties by IPP of any nature whatsoever expressed or implied, including any warranty of merchantability or fitness for a particular purpose in connection with this product. IPP shall not be liable for damages of any sort, including remote or consequential damages resulting from any claimed breach of any warranty whether expressed or implied. IPP shall not be responsible for use of this product in a manner to infringe on any patent held by others. In addition, no warranty or guarantee is being issued with respect to appearance, color, fading, chalking, staining, shrinkage, peeling, normal wear and tear or improper application by the applicator. Damage caused by abuse, neglect and lack of proper maintenance, acts of nature and/or physical movement of the substrate or structural defects are also excluded from the limited warranty. IPP reserves the right to conduct performance tests on any material claimed to be defective prior to any repairs by owner, general contractor, or applicator.

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