

ELASTOCOAT™ 1500

Ignition Barrier

for Attics and Crawlspace

PRODUCT DESCRIPTION AND RECOMMENDED USES*

ELASTOCOAT 1500 coating is an ignition barrier coating for interior spray polyurethane foam (SPF) insulation. ELASTOCOAT 1500 is a water-based latex system that cures within 24 hours. This coating provides a long-term protective shield whose only purpose is to prevent the direct impingement of a flame source on the spray polyurethane foam surface.

ELASTOCOAT 1500 has been designed specifically as a protective coating over BASF Polyurethane Foam Enterprises' 178 Series closed-cell nominal 2.0 lb/cu.ft. density spray polyurethane foams. This product has been successfully tested (SwRI 99-02) as an ignition barrier protective coating over spray foam insulation in non-living-space environments, such as crawl spaces and uninhabited attic areas of residential and commercial structures.

APPLICATION INSTRUCTIONS

ELASTOCOAT 1500 is recommended to be applied by medium nap rollers, soft brushes or conventional airless spray equipment. Apply ELASTOCOAT 1500 to newly installed spray polyurethane foam insulation. Surface must be free of loose particles or other foreign matter that may inhibit proper adhesion and affect performance of the coating. ELASTOCOAT 1500 should be power mixed prior to using for best results. Apply ELASTOCOAT 1500 in one coat at the rate of not less than 0.75 gallon per 100 square feet. Minimum dry mil thickness shall be a minimum of 7.5 mils. PRODUCT APPLICATION SHOULD BE SUSPENDED IMMEDIATELY AND OUR TECHNICAL SALES PERSONNEL CONTACT IF THE RESULTS BEING OBTAINED ARE LESS THAN DESIRABLE.

Airless spray equipment capable of 3000 PSI fluid pressure. Use 3/8" diameter hose to 100' and add 1/2" diameter hose from pump to extend further. Use 0.31 spray tip.

TYPICAL PHYSICAL PROPERTIES

Color:	White or as specified
Viscosity:	13,500+/-1500 cps (Brookfield #5 @ 20 rpm)
Solids by weight:	71% +/- 2%
Solids by volume:	62% +/- 2%
Weight per gallon:	10.2 +/- .2 lbs per gallon
Flash point:	None
Clean up:	With water
Cure time:	24 hours
Shelf life:	6 months @ storage between 60° - 80°F
Drums:	55 gallons
	gross weight 625 lbs
Pails:	5 gallons
	gross weight 55 lbs



The Chemical Company

BASF Polyurethane
Foam Enterprises LLC

LIMITATIONS AND PRECAUTIONS

ELASTOCOAT 1500 is a water-based acrylic coating, which will freeze and become unusable at temperatures below 32°F. PROTECT FROM FREEZING DURING SHIPMENT AND STORAGE. Do not store material at temperatures below 45°F. Do not apply ELASTOCOAT 1500 when ambient air and substrate temperatures fall below 50°F. High humidity may lengthen cure times.

*ELASTOCOAT 1500 was tested SOLELY for barrier to ignition for compliance in attics and crawlspaces in accordance with the Foam Plastic section of the International Codes, as well as many previous code versions. **It should not be utilized in any other habitable areas or commercial structures where secondary fire protection is not separating the spray foam from the interior of the building.** As with all foam plastics, BASF Polyurethane Foam Enterprises' spray foam insulations should be covered with a 15-minute thermal barrier as directed by code. Specific code sections allow for alternative methods and materials, and/or lesser requirements, such as attics, crawlspaces and rim/band joist areas

This product is neither tested nor represented as suitable for medical or pharmaceutical uses.

In addition to reading and understanding the MSDS, all contractors and applicators must use appropriate respiratory, skin and eye Personal Protective Equipment (PPE) when handling and processing polyurethane chemical systems. Personnel should review the following document published by Spray Polyurethane Foam Alliance (SPFA):

AX-171 Course 101-R Chapter 1: Health, Safety and Environmental Aspects of Spray Polyurethane Foam and Coverings

and the following document available from the Alliance for the Polyurethanes Industry (API):

Model Respiratory Protection Program for Compliance with the Occupational Safety and Health Administration's Respiratory Protection Program Standard 29 C.F.R. §1910.134

LIMITED WARRANTY INFORMATION – PLEASE READ CAREFULLY:

The information herein is to assist customers in determining whether our products are suitable for their applications. Our products are only intended for sale to industrial and commercial customers. Customer assumes full responsibility for quality control, testing and determination of suitability of products for its intended application or use. We warrant that our products will meet our written liquid component specifications. We make no other warranty of any kind, either express or implied, by fact or law, including any warranty of merchantability or fitness for a particular purpose. Our total liability and customers' exclusive remedy for all proven claims is replacement of nonconforming product and in no event shall we be liable for any other damages.

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