



ACRYLOCOAT™ brand *Brush/Roller/Spray Applied*
ACRYLOTHERM™
Maximum Insulating Ceramic Upgrade MID-COAT

PRODUCT DATA
12 YEAR LIMITED MATERIAL WARRANTY
#70085
01/12/09
superseding: 03/12/05

ACRYLOTHERM™ PRODUCT DESCRIPTION:

ACRYLOCOAT™ brand ACRYLOTHERM™ is an OPTIONAL UPGRADE MID-COAT to increase Energy Saving Performance in the ACRYLOSEAL™ and ACRYLOSATIN™ Smooth Systems. It is One Part of the Multi-Stage ACRYLOCOAT™ Decorative Finish Protective Coating Smooth Finish Systems. ACRYLOTHERM™ is a white, elastomeric acrylic with urethane, superior insulating ceramic MID-COAT. It is a high build coating with a maximum level of ceramic borosilicates and ceramic pigments within formulation limits. It has been designed as an insulating, energy saving coating that will help reduce maintenance costs. Innovative technology combines elastomeric acrylic resin with urethane resin resulting in a waterproofing elastic film that expands and contracts, therefore is very resistant to thermal shock. When applied in conjunction with ACRYLOCOAT™ brand ACRYLOPRIME™ Primer/Sealer, it seals and forms a waterproofing, flexible, breathable finish that has outstanding durability plus excellent insulating and soundproofing properties. The ACRYLOCOAT™ brand Product Line is generally an Exterior Decorative Coating System used to replace cementitious finishes, but can be used on Interior Surfaces as well. It is excellent for use as an Interior Basement Finish on most any wall surface. A TWELVE YEAR LIMITED MATERIAL WARRANTY against chipping, cracking and peeling is available only when applied as part of the ACRYLOCOAT™ Decorative Finish Protective Coating System. Inquire about the Detailed Application Procedure.

ACRYLOTHERM™ USES:

ACRYLOTHERM™ is an optional MID-COAT for the ACRYLOSEAL™ and ACRYLOSATIN™ Smooth Finish Systems and must be applied on top of ACRYLOPRIME™ for warranty conformance. ACRYLOTHERM™ can be used on most any Interior or Exterior Substrate including: wood, primed metal, galvanized, primed synthetic or aluminum siding, tin, copper, asbestos, asphalt, urethane, polyester, styrofoam, foam, fiberglass, clay, adobe, brick, stucco, slate, cement block, poured concrete, slab and various other substrates. The ACRYLOCOAT™ brand Product Line is excellent to decorate and enhance the exterior walls and facades of buildings, homes, and facilities including: residential, commercial and industrial applications.

ACRYLOTHERM™ SURFACE PREPARATION:

If ACRYLOTHERM™ is used in the 12 Year Warranted ACRYLOCOAT™ Decorative Finish Protective Coating System, please inquire for a detailed application procedure sheet and strictly follow the application method. If Applicable, trenching is necessary to form a complete seal; trench 4 to 6 inches around the perimeter of the structure. For proper adhesion to an existing substrate, it is essential that the surface be pressure washed at a minimum of 1500 P.S.I., using a water and chlorine solution, removing any loose, flaking or peeling paint along with any dirt, oil, grease, residues and especially mold, mildew and algae. Wire brush if necessary. Apply only to a sound, well prepared wall surface. Rusted metal must be primed. Inquire about METAL-PRIME Rust Treatment Process. Patch any holes, cracks, seams, imperfections, etc., with ACRYLOPATCH™ Waterproofing Caulk & Sealant. It is recommended to use ACRYLOPRIME™ before application of ACRYLOTHERM™, then a coat of ACRYLOSEAL™ or ACRYLOSATIN™ over the coat of ACRYLOTHERM™. It is recommended to Tint ACRYLOTHERM™ the same color or lighter shade of the selected Finish Coat Color. Wait 12 hours between coats of any of the ACRYLOCOAT™ product line.

APPLICATION PROCEDURE:

Stir well before using. Do not thin, use product as is. Do not apply when temperatures are below 45 degrees Fahrenheit or when humidity is very high. Do not apply when coating will be subjected to rain or heavy dew before it has had enough time to dry (approximately 4 to 6 hours). Drying time will vary depending on temperature, humidity and location. Apply using brush, roller or spray. Spread uniformly. Wait at least 12 hours before final color coat. Clean all tools and equipment immediately after use with warm soapy water.

SPRAYERS: Use at least a 1 gallon per minute piston type airless sprayer with a minimum tip size of .027.

TECHNICAL SPECIFICATIONS: Ambient Temperature of 77°F and RH of 50%

FINISH:	Flat	SPREAD RATE:	100 to 125 sq.ft./gal.
COLOR:	White	DRY to TOUCH:	2 to 4 Hours
VEHICLE TYPE:	Copolymer Emulsion	RECOAT:	12 Hours
SOLIDS by WEIGHT:	60% +/- 2%	CURE TIME:	5 to 7 Days
SOLIDS by VOLUME:	49% +/- 2%	SIZES:	5 Gallon, 55 Gallon Drum
V.O.C.'s (averages):	.71 lbs./gal. • 85.2 g/liter	GALLON WEIGHT:	10.2 lbs. +/- .3 lbs.

Information presented on this Data Sheet has been compiled from sources to be reliable, and is accurate and reliable to the best of our knowledge and belief but is not guaranteed to be so.



MATERIALS HEALTH, SAFETY AND ENVIRONMENTAL DATA SHEET

**MSDS#:
70085**

Product Identification	Product Name: ACRYLOCOAT™ brand ACRYLOTHERM™ Product Code #: 70085 General Usage: Latex Wall Coating General Description: Pigmented Latex Wall Coating Mid-Coat C.A.S. Number: None Established; Mixture	
Manufacturer Information	Manufacturer's Name: Nationwide Chemical Coating Mfrs., Inc. Address: 7106 24th Court East; Sarasota, FL 34243-3993 Emergency Telephone: 1-800-423-7264 or 941-753-7500 Information: 1-800-423-7264 or 941-753-7500 Web Site: www.nationwidecoatings.com E-Mail: info@natcoat.net Date Effective: January 1 st , 2005	
Chemical and Physical Properties	Color: White Physical State: Liquid Boiling Point: 212 Fahrenheit Specific Gravity (H ₂ O=1): >1 Vapor Presence: about same as H ₂ O Percent Volatile: 35-40% Evaporation Rate (Butyl Acetate=1): <1	Odor: Pungent Odor Odor Threshold: Unknown Melting Point: N/A Freezing Point: 32 Fahrenheit Solubility in H ₂ O: Soluble pH (undiluted): 8 to 8.5 Vapor Density (Air=1): <1
Fire Protection Information	Decomposition/Combustion: N/A Flash Point: N/A; Does Not Burn Recommended Extinguishing Media: N/A Flammable Limits: N/A	
Storage and Reactivity	Hazardous Polymerization: Will Not Occur Storage Conditions: Keep from Freezing Toxic Products Which May Form: None	
Transportation	Hazard Classes: None; Not Hazardous Hazard Labels: Not Required Hazard Determination: MSD Sheet Shipping Containers: Varies Shipping Class: Class 55; Water Based Paint	
Container Labeling	Explanation of Unique Labeling System: None Used	

Health Hazard Data	SHORT TERM EXPOSURE	
	Route of Entry: Inhalation: Skin: Eyes: Ingestion:	Precautionary Treatment Expected None Expected None Flush Immediately with large amounts of water for at least 15 minutes, holding eyelids open. Call a physician if irritation persists Call a physician if significant amounts have been Swallowed. Give patient large amounts of water or milk for dilution.
	LONG TERM EXPOSURE	
	Carcinogen: None Target Organ Effects: None Other Health Hazards: None Known	
Personal Protection	Respiratory Protection: Protective Clothing: Ventilation: Other Protective Measures: Eye Protection:	No inhalation hazard expected None Required Local None Safety Glasses
Spill or Leak Protection	Accidental Release or Spill: Neutralizing Chemical/Media:	Collect liquid or solidify with absorbent package for disposal N/A
Treatability	Biodegradability: With water prior to cure. Influence on Biological Wastewater Treatment: None Other Impacts on Wastewater Treatment: None Recommended Wastewater Treatment: Dilutable Constituents Interfering With or Not Amenable to Biological or Wastewater Treatment: None	
Recommended Waste Disposal	Unused Material: Container Disposal: Spent Material: Hazardous Disposal:	Solid Waste Landfill Landfill Solid Waste Landfill N/A

EMERGENCY & INFO: 1-800-423-7264

Form based on O.S.H.A. Form 20. Information presented herein has been compiled from sources to be reliable and is accurate and reliable to be the best of our knowledge and belief but is not guaranteed to be so.

EMERGENCY & INFO: 941-753-7500