



AEROFLEX®

Protective/Decorative Coating for EPDM Insulation

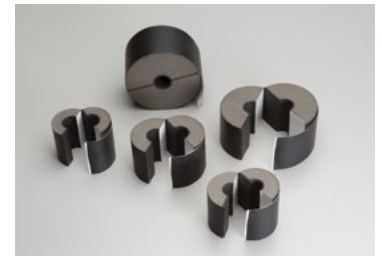
Aerocoat®

Premium Acrylic Emulsion Coating
for AEROFLEX EPDM™ Insulation





AEROFLEX EPDM™ insulation system solutions



Aerofix®

Light-weight, rigid pipe supports, pre-insulated with high-density, load-bearing foam and encased with zero-perm EPDM polymer membrane. Includes built-in pressure sensitive Protape® closure system.



AeroFit™

Pre-fabricated fitting covers made of AEROFLEX EPDM™ rubber for high-quality installation on HVAC and plumbing piping.

Courtesy of Nelson
Insulation Company



Protape®

Zero-perm EPDM-based, self-adhering rubber tape for sealing glued insulation seams and termination points.



AEROFLEX® Adhesives

Specially formulated adhesives for bonding and vapor-sealing AEROFLEX EPDM™ insulation. Fast tack and LVOC formulations available.

Aerocoat®

Premium Pure Acrylic Emulsion Coating

HVAC | Refrigeration | VRF | Chilled Water
Ductwrap | Hot & Cold-Water Piping

Low-VOC, 100% pure acrylic emulsion, water-based latex coating for AEROFLEX EPDM™ insulation. Provides a decorative finish on interior installations, UV protection and code compliance for exterior applications.

U.S. energy codes require mandatory shielding of cellular pipe insulation in exterior environments. Coatings such as Aerocoat are acceptable; adhesive tapes alone are not.

Availability: 1-gallon containers (White)

Fast, simple to install

Ready to apply right out of the container (no diluting or tinting recommended)

Two coats required to achieve 100% coverage

Superior performance

Protects AEROFLEX® insulation from environmental factors such as solar radiation, moisture, wind, equipment maintenance

UV and water-retardant

400% Elongation - Coating will expand and contract with insulation

White coating reflects solar radiation

Prolongs product life

Safe for indoor & outdoor environments

Water-based formula

GREENGUARD Gold Certified for low chemical emissions

Complies with LEED® low-VOC emission requirements for interior- and exterior-applied products

Environmental Product Declarations (EPD)

Product: White, 100% pure acrylic emulsion, water-based latex coating specially formulated to protect AEROFLEX EPDM™ insulation for interior or exterior applications.

Installation Instructions:



Application: If AEROFLEX® AeroSeal or AeroSeal LVOC™ Black adhesive was dry to the touch prior to contact, AeroCoat may be applied immediately after installation. For AEROFLEX® REF 1520™ adhesive, refer to data sheet for required dry times. Before applying make sure insulation surfaces are clean and free from oil, grease, dust or loose portions of any previous coating. Stir AeroCoat thoroughly and apply with brush or roller to the clean surface. No primer is required. Apply 2 coats allowing a minimum of 4 hours drying time (75°F, 70% RH) before applying second coat. Dilution or tinting of coating is not recommended due to negative impact on product performance. Recommended application ambient temperature is 50°F (10°C) or higher. Full cure time is 24 hours.

Read all warnings on product label before use.

Clean Up: Clean Water

Physical Properties

Composition	Acrylic emulsion coating (100%)
Solids Content	Approximately 50% by weight
Net Weight	10 lbs/gal
Appearance	Semi-Gloss
VOC	Content 116.2 g/L, Emissions < 0.5 mg/m3
UV Resistance	Excellent
Fungi Resistance	Excellent
Flammability	Nonflammable
Coverage	Up to 400 ft2/gal
Application	Brush or roller
Dry Time	Minimum of 4 hours between coats (75°F, 70% RH)
Reapply	3-5 years
Storage	41°F to 104°F (5°C to 40°C), protect from freezing
Shelf Life	1 year (date of purchase)

Additional Approvals, Compliances, Etc.

ANSI/ASHRAE/IES Standard 90.1	Energy Standard for Buildings Except Low-Rise Residential Buildings
IECC®	International Energy Conservation Code®
ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1	International Green Construction Code® (igCC®)
CA Title 24	California Building Energy Efficiency Standards
MEA #171-04-M	City of New York Material and Acceptance Pipe Insulation
California Specification 01350	VOC Emissions, Standard Method v1.2

Potential LEED® Credit Contributions

Energy & Atmosphere (EA)	Prerequisite: Minimum Energy Performance Credit: Optimize Energy Performance
Materials & Resources (MR)	Credit: Building Product Disclosure and Optimization - Environmental Product Declarations (EPD), Product Specific Type III
Indoor Environmental Quality (EQ)	Credit: Low-Emitting Materials Credit: Indoor Air Quality Assessment Credit: Thermal Comfort Credit: Acoustic Performance
Innovation (IN)	Credit: Occupant Comfort Survey





232 Industrial Park Road Sweetwater, TN 37874

866.237.6235

www.aeroflexusa.com

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