



# AEROFLEX®

Protective/Decorative Coating for EPDM Insulation



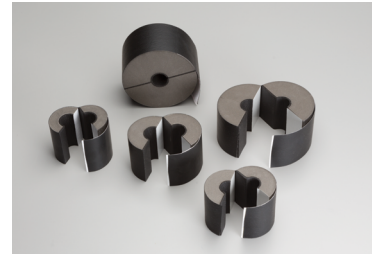
## Aerocoat®

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 insulation fittings 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 (do not dilute or tint)

Two coats required to achieve 100% coverage

### Superior performance

Protects AEROFLEX® insulation from UV degradation

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<br>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<br>Credit: Indoor Air Quality Assessment<br>Credit: Thermal Comfort<br>Credit: Acoustic Performance |
| Innovation (IN)                   | Credit: Occupant Comfort Survey                                                                                                    |



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