



AEROFLEX®

Protective/Decorative Coating for EPDM Insulation

Aerocoat™

Acrylic Emulsion Coating for
Aerocel® EPDM Insulations





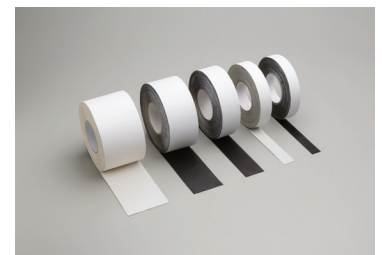
**All-inclusive
insulation solutions:**



Aerofix®
Light-weight, rigid pipe supports, pre-insulated with closed-cell EPDM foam rubber and encased with zero-perm EPDM polymer membrane. Includes built-in pressure sensitive Protape closure system.



Aeroflex Adhesives
Specially formulated adhesive for bonding of Aerocel insulations. Fast tack and LVOC formulations available.



Protape®
EPDM-based, self-adhering rubber tape for sealing butt joints and termination points.

Aerocoat™

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 Aerocel® EPDM insulation. Provides a decorative finish on interior installations and adds an extra layer of protection and code compliance on exterior applications.

Although Aerocel insulation does not require added UV protection due to EPDM's inherent UV resistance, U.S. energy codes require mandatory shielding of 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 necessary (or recommended)

Two coats required to achieve 100% coverage

Superior performance

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

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

Low-VOC

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

Non-flammable and non-toxic

Product: 100% pure acrylic emulsion water-based latex coating specially formulated to protect Aerocel insulation for exterior applications.

Application: 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 1-3 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.

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
UV Resistance:	Excellent
Fungi Resistance:	Excellent
Flammability:	Non-flammable
Coverage:	Up to 400 ft ² /gal
Application:	Brush or roller
Dry Time:	1-3 hours between coats (75°F, 70% RH)
Reapply:	3-5 years
Shelf Life:	1 year (store at room temperature, avoid freezing)

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
CDPH Standard Method v1.2	Low Emitting Materials, Interior Paints & Coatings

Potential LEED® Credit Contributions

Energy & Atmosphere (EA)	Prerequisite: Minimum Energy Performance Credit: Optimize Energy Performance
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

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