

IAQ 7000™

Duct Liner Adhesive Coating/Encapsulant

DESCRIPTION

Product No.: 8370 White

Fiberlock IAQ 7000 is a quick drying water-based adhesive coating/encapsulant for use on duct liner insulation surfaces. Fiberlock IAQ 7000 dries to form a durable, flexible, moisture-resistant protective coating on the duct liner insulation material. Its semi-gloss finish minimizes dirt buildup on the coating surface which provides nutrients that feed mold colonies. Fiberlock IAQ 7000 also contains an EPA registered fungicide to resist mold growth on the cured film surface. Fiberlock IAQ 7000 can be used in residential, commercial, or industrial facilities requiring maximum moisture and mold resistance. Fiberlock IAQ 7000 is acceptable for use over faced or unfaced fiberglass duct liner insulation, and unfaced fiberglass duct board insulation.

Successfully tested to ASTM standard C-411 "Hot Surface Performance of a Coating on Glass Fiber Blanket Insulation". ASTM E-84 Class "A" fire rating. Meets requirements of NFPA 90A/90B standard.

SURFACE PREPARATION

Carefully remove all mold, dust and other particulate from lining within air duct. Ensure that surface of insulation is intact. If necessary, bind insulation together with Fiberlock IAQ 8000™ Duct Liner Insulation Sealer/Adhesive/Basecoat.

APPLICATION

Apply Fiberlock IAQ 7000 to all surfaces of duct liner insulation by brush or airless spray. Application rate will vary depending on porosity of the insulation. Apply one coat by airless spray, or two coats by brush. Porous surfaces may require additional coats. Ensure that surfaces are completely sealed. Circulate fresh air through the HVAC system to help dry the coating. Exhaust air outside the building.

PROPERTIES

- Solids by Weight: 53 +/-2%
- Volatile: Water
- Flash point: Non-combustible
- Odor: Applied indoors, virtually odorless
- Finish: Moderate gloss
- Water resistance of dry film: Excellent
- Film Flexibility: Excellent
- Film Hardness: Excellent
- Impact Resistance: Excellent
- Average particle size: 0.2 microns
- Weight per gallon: 9.5 +/- 0.2 lbs
- Viscosity: 60-65 KU
- Dry Time 1-2 hours
- Coverage:
 - Smooth surfaces: 100-200 ft²/gal
 - Porous surfaces: depends on porosity
- Shelf life: @77°F, 36 months min. in original factory sealed containers
- ASTM E84: Class "A"
 - Flame Spread: 10
 - Smoke Developed: 5
- ASTM C411: Passed
- Packaged: 5-gal pails, 55-gal drums
- Conforms to NFPA 90A/90B