

IAQ 7500

HVAC Sealant

Product Description

8375-Clear

IAQ 7500 is a durable, flexible and moisture resistant penetrating coating for duct insulation that increases airflow while minimizing dirt buildup in HVAC systems. IAQ 7500 contains a fungistatic agent to resist mold growth on the dry coating surface. Manufactured from premium acrylic resins, IAQ 7500 allows for optimal durability and flexibility and can be used in residential, commercial, or industrial facilities. IAQ 7500 is acceptable for use over faced or unfaced fiberglass duct liner insulation, unfaced fiberglass duct board insulation and can be used in unlined duct work. IAQ 7500 can also be used as a post-cleaning lockdown of residual particulates such as, fiberglass, dust, and other inanimate material.

Successfully tested to ASTM standard C-411 "Hot Surface Performance of a Coating on Glass Fiber Blanket Insulation". ASTM E-84 Class A re rating. Meets requirements of NFPA 90A/90B standard. Additionally, IAQ 7500 was tested in accordance with the procedures outlined in ASTM G 21 and received a No. 0 rating (No fungal growth, 0% growth on the specimens).

Application Information

SURFACE PREPARATION

Warning! If you scrape, sand, or remove old paint from any surface, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH approved respirator to control lead exposure. Carefully clean up with a wet mop or HEPA vacuum. Before you start, find out how to protect yourself and your family by contacting the U.S. EPA/Lead Information Hotline at 1-800-424-LEAD (5323) or log on to www.epa.gov/lead.

Clean and remove all dust and loose particulate from ductwork, being careful not to damage insulation. Follow duct manufacturer's instructions for proper cleaning.

APPLICATION TOOLS

Apply IAQ 7500 with brush, roller or airless spray equipment.

Brush: Synthetic, nylon or polyester bristle

Roller: Synthetic Fiber 3/8" nap or longer

Spray Settings:

Pressure: 2200-3000 P.S.I.

Tips: .017 to .023 tips

PRODUCT APPLICATION

Prior to application, mix thoroughly to achieve a uniform consistency. Apply IAQ 7500 to all surfaces 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. IAQ 7500 can be applied using HVAC robotic spray applicators (contact Fiberlock for more information.)

COVERAGE

Smooth Surfaces: 100-200 sq. ft./gal.

Porous Surfaces: Depends on porosity

DRYING TIME @ 70°F 50% R.H.

To Touch – 1-2 hours

To Recoat – 8-16 hours

CLEANUP

Clean tools and drippings with warm soapy water before IAQ 7500 dries. Dispose of all waste according to all existing local, state, and federal regulations.

PRECAUTIONS

Store in a dry place at temperatures between 40°F (4.5°C) and 90°F. (32°C). Stir thoroughly. Do not mix with any other coatings, solvents or colors in oil. The IAQ 7500 coating is resistant to mold only on the surface of the coating. No mold resistance claim is made other than to the coating itself. The use of this product does not protect users or others against food-borne or disease-causing bacteria, viruses, germs or other disease-causing organisms. Do not apply when air or surface temperature is below 50°F, or when drying conditions are poor or when surfaces are above a 15% moisture level content. Use adequate ventilation during application. When applying with a sprayer, wear a NIOSH approved respirator with any R, P, N or HE filter. For interior use only. Check with local building code enforcement authority for any additional requirements.

Properties

Product Specifications

Solids by Weight ± 2%:	48.7%
Solids by Volume ± 2%:	44.1%
Viscosity at 70°F:	60-65 Krebs Units
Specular Gloss:	74° ± 3 @ 60°
Flash Point:	Non-combustible
Shelf Life:	36 Months Min.
	(Original Sealed Container)
Calculated VOC:	54 grams/liter

Coverage

Smooth Surfaces:	100-200 ft ² /gal
Porous Surfaces:	50-75 ft ² /gal

Drying Times (@ 70 - 77°F , 50% R.H.)

To Touch:	1-2 hours
To Recoat:	8-16 hours
Minimum Application Temp:	50°F (10°C)

Available Package Sizes

5 Gallon Containers	
Weight Per Gallon ± .5 lbs:	9.1 lbs/gal

Product Testing

Fire Rating:	ASTM E84 Class A
Flame Spread:	10
Smoke Developed:	10
Heat Rating:	ASTM C-411
	Conforms to NFPA 90 A/90 B



Application Information

CAUTION!

KEEP OUT OF REACH OF CHILDREN.

Do not take internally. Close container after each use.

Keep from freezing.

Store between 40°F (4.5°C) and 90°F (32°C)

24 hour Emergency "CHEM-TEL" - 800.255.3924

Fiberlock Products and CPVC Compatibility

Manufacturers of chlorinated polyvinyl chloride ("CPVC") pipe believe that it can be sensitive to or incompatible with chemicals found in many commonly used household and industrial cleaning products, coatings, adhesives and other compounds, and that those chemicals can cause stress cracks or pipe failure. Fiberlock recommends that users always check pipe for markings that indicate the type of material it is made of and that users contact the pipe manufacturer directly before applying any Fiberlock products to CPVC pipe.

For Technical Information call 800.342.3755

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