

IAQ 6100

Mold Resistant Coating*

Product Description

8361-Clear

IAQ 6100 is a clear mold resistant coating for professional use, that contains a fungistatic agent to resist mold growth on the dry coating surface. IAQ 6100 is a durable, flexible, and permeable 100% acrylic water based coating. IAQ 6100 has been tested by independent and certified laboratories to prove resistance to mold growth on the surface of the coating, and has successfully passed both ASTM G-21 and ASTM D-3273 mold resistance testing with the highest scores possible. IAQ 6100 is recommended for use on wood, plaster, wallboard, sheetrock, concrete, masonry block, primed metal and galvanized metal. IAQ 6100 can also be used on new structural materials during building construction.

*Resists mold growth on the dry coating surface.

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.

Surfaces to be coated must be free of dust, mildew, mold, dirt, grease, loose paint, oil, glue size, calcimine, wax, soap and other surface contamination. Clean mold stained surfaces with Advanced Peroxide Cleaner, or use an EPA registered antimicrobial disinfectant cleaner.

Patch irregularities with vinyl patching paste or an appropriate patching compound. IAQ 6100 is self-priming over bare sheetrock, composition board, ceiling tile and concrete.

WALLBOARD, PLASTERBOARD, GYPSUM BOARD- Joint cement should be sanded smooth, but avoid abrading the paper.

FERROUS METAL- Clean, then prime with IAQ 4000 rust inhibiting direct-to-metal primer.

WOOD- Seal knots and stains with IAQ 5000 stain-blocking primer.

MASONRY BLOCK- Apply one coat of IAQ 3000 block filler if a denser surface is desired.

APPLICATION TOOLS

Apply IAQ 6100 with brush, roller or airless spray equipment.

Brush: Synthetic, nylon or polyester bristle

Roller: Synthetic fiber 3/8" nap or longer Spray Settings

Pressure: 2000-3000 P.S.I.

Tips: .019 to .021 tips

PRODUCT APPLICATION

IAQ 6100 is supplied ready to use, but can be thinned sparingly with water (up to 80ml water per litre) for proper application consistency if necessary. Apply IAQ 6100 generously and uniformly by brush, roller, or airless spray. Apply one coat of IAQ 6100 and ensure that the finished surface is properly sealed. To ensure that the finished surface is properly sealed, two-coats may be required on some porous surfaces.

COVERAGE

Smooth Surfaces- 9 – 16m² per litre

Porous Surfaces- 6.5 – 8m² per litre

DRYING TIME @ 21°C 50% R.H

To Touch - 1 Hour

Recoat - 4-8 Hours

CLEANUP

Clean tools and drippings with warm soapy water before Fiberlock IAQ 6100 dries.

Properties

Product Specifications

Solids by Weight ± 2%:	28.8%
Solids by Volume ± 2%:	25.8%
Viscosity at 70°F:	85-90 Krebs Units
Specular Gloss:	44° ± 3 @ 60°
Flash Point:	Non-combustible
Shelf Life:	36 Months Min.
	(Original Sealed Container)
Calculated VOC:	90 grams/liter

IAQ 6100 complies with the requirements for LEED® EQ Credit 4.2, low-emitting materials: paints and coatings.

Coverage

Smooth Surfaces:	9 – 16m ² per litre
Porous Surfaces:	6.5 – 8m ² per litre

Drying Times (@ 21 – 27°C , 50% R.H.)

To Touch:	1 hour
To Recoat:	4-8 hours
Minimum Application Temp:	10°C

Available Package Sizes

5 gallon containers	(19 litres)
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Product Testing

Fungal Resistance:	ASTM G-21
Rating:	0 (No Growth)
Water Vapor Permeance:	4.6 perms



Application Information

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 6100 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 10°C, 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.

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)

These suggestions and data are based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and methods of use of this product are beyond our control. Neither Fiberlock Technologies, Inc., nor its agents shall be responsible for the use or results of use of this product or any injury, loss or damage, direct or consequential. We recommend that the prospective user determine the suitability of this product for each specific project and for the health and safety of personnel working in the area.

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