

IAQ 6100™

Mold Resistant Coating



Product Description

IAQ 6100 is a clear mold-resistant coating for professional use that contains an EPA-registered, broad-spectrum fungicide to prevent mold growth on the surface of the cured film. IAQ 6100 is a durable, flexible, and permeable 100% acrylic water-based semi-gloss coating that applies white so the user can ensure complete and thorough application, and then dries to a clear finish. The clear coating allows surfaces to retain their natural look and permit future visual inspection of the coated surfaces. 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 ASTM G-21 mold resistance testing with the highest scores possible. IAQ 6100 is recommended to deter mold growth on wood, plaster, wallboard, sheetrock, concrete, masonry block, primed metal and galvanized metal. IAQ 6100 can also be used on new structural materials to help prevent mold growth during building construction.

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 and 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.

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-contaminated surfaces with IAQ 1000, or use an EPA registered antimicrobial disinfectant cleaner such as IAQ 2000, IAQ 2500, ShockWave or ShockWaveRTU.

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.

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: 2000-2800 P.S.I.
Tips: .015 to .019 tips

PRODUCT APPLICATION

IAQ 6100 is supplied ready to use, but can be thinned sparingly with water (up to 1/2 pint water per gallon) 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.

PRECAUTIONS

Stir thoroughly. Do not mix with any other coatings, solvents or colors in oil. IAQ 6100 is resistant to the deteriorating action of mold and mildew. No claim is made for the preservative action other than to the coating film. Do not apply when air or surface temperature is below 50°F, when drying conditions are poor or when surfaces are above a 15% moisture level content. Use adequate ventilation during application. For interior use only.

DRYING TIME @ 70°F 50% R.H.

To Touch - 1 Hour
Recoat - 4-8 Hours

8361-Clear

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 Containers)
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:	350-600 ft²/gal
Porous Surfaces:	250-300 ft²/gal
Drying Times (@ 70 - 77°F , 50% R.H.)	
To Touch:	1 hours
To Recoat:	4-8 hours
Minimum Application Temperature:	50°F (10°C)
Available Package Sizes	
5 gallon containers	
Weight Per Gallon ± 0.5 lbs:	8.7 lbs/gal
Product Testing	
Fungal Resistance:	ASTM G-21
Rating:	0 (No Growth)
Water Vapor Permeance	4.6 perms



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COVERAGE

Smooth Surfaces- 350-600 sq. ft. per gallon

Porous Surfaces- 250-300 sq. ft. per gallon

CLEAN UP

Clean tools and drippings with warm soapy water before IAQ 6100 dries. Dispose of all waste according to all existing local, state and federal regulations.

CAUTION!

KEEP OUT OF REACH OF CHILDREN.

Do not take internally. Close container after each use.

Keep from freezing.

24 hour Emergency "CHEM-TEL" - 800.255.3924

For Technical Information call 800.342.3755

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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