

# IAQ 9000™

## Mold Resistant Masonry Waterproofer



### Product Description

8395-White

IAQ 9000 is a low-odor, waterproofing coating that is specially formulated to stop water from penetrating through a variety of interior and exterior surfaces including above or below grade masonry walls, cinder and concrete blocks, stucco, brick, retaining walls, basements, and foundations. This latex based formula stops 10psi of water pressure (greater than a wall of water 22 feet high) and reduces radon gas penetration. IAQ 9000 contains an EPA-registered fungicide to help prevent mold from growing on the surface of the cured film. This fast-drying formula may be applied easily with a brush and/or roller on dry surfaces and cleans up easily with soap and water.

### 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](http://www.epa.gov/lead).

Surfaces to be coated must be free of dust, mildew, mold, dirt, grease, 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 an appropriate patching compound. Efflorescence, a white, powdery, crystal-like deposit visible on masonry surfaces, must be removed. Muriatic acid, used according to manufacturer's directions, is an effective efflorescence removal agent.

#### APPLICATION

STIR THOROUGHLY BEFORE AND DURING APPLICATION. DO NOT THIN. For best results, use a 5 in. paddle wheel mixer, attached to a 1/2 horsepower, 1/2 inch electric drill. Coat surface only when air and surface temperatures are 50°F or higher. Apply IAQ 9000 directly on bare masonry. For best waterproofing results, wait for a

dry (rain-free) period before application. Apply first coat with a good quality nylon bristle brush, working the waterproofer into the pores of the masonry- avoid excessive brushing. Allow to dry 3 hours before second coat. The second coat may be applied using brush, roller or spray. If leaking is still present after two coats, it indicates that pores or pinholes are still open. These areas should be coated again. Vent outside.

#### SPRAY APPLICATION

IAQ 9000 may be applied by spray to exterior and interior surfaces, providing certain precautions are followed. Make sure a continuous film of IAQ 9000 is applied; after applying two coats there must be no pinholes or voids in the film. Under ideal weather conditions spraying alone will accomplish this. On exterior applications where there are extremes of temperature, humidity and wind conditions, spraying alone may not yield a continuous film. If when applying a second coat, it is noted that pinholes are still present, the second coat should be brushed back or back-rolled to make sure a continuous film is obtained. In certain cases where surfaces are extremely porous, a third coat may be necessary.

#### TINTING

May be tinted to light or pastel shades with alkali-proof universal tinting colors. Use only 25% of color normally recommended. Do not use more than 2 fl. oz. of colorant per gallon. IAQ 9000 is ideal as a

### Properties

<b>Product Specifications</b>	
Solids by Weight ± 2%:	67%
Solids by Volume ± 2%:	49%
Viscosity at 70°F:	125-135 Kreb Units
Flash Point:	Non-combustible
Shelf Life:	36 Months Min. (Original Sealed Containers)
Calculated VOC:	158 grams/liter
<b>Coverage</b>	
Smooth Surfaces:	100-125 ft <sup>2</sup> /gal
Porous Surfaces:	75-100 ft <sup>2</sup> /gal
<b>Drying Times (@ 70 - 77°F , 50% R.H.)</b>	
To Touch:	1 hour
To Recoat:	3 hours
Minimum Application Temperature:	50°F (10°C)
<b>Available Package Sizes</b>	
5 Gallon Containers	
Weight Per Gallon ± 0.5 lbs:	10 lbs/gal
<b>Product Testing</b>	
Fire Rating:	ASTM E84 Class A
Performance Testing:	Fed. Spec. TT-P-1411-A Fed. Spec. TT-C-555B ASTM G-21 ASTM D-5590
Water Pressure Retention:	20 lbs per inch <sup>2</sup>
Water Vapor Permeance:	4.08 perms



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## PRODUCT DATA SHEET

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finish coat. If desired, a high quality latex paint can be applied after 24 hours for decorative purposes.

### DRYING TIME @ 70°F 50% R.H.

To Touch – 1 hour

Recoat - 3 Hours

### COVERAGE

Smooth Surfaces - 100-125 sq. ft. per gallon - 1st coat 125 sq. ft. per gallon - 2nd coat

Porous Surfaces - 75 sq. ft. per gallon - 1st coat 125 sq. ft. per gallon - 2nd coat

### CLEAN UP

Clean application tools immediately after use in warm, soapy water. 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

Do not store at temperatures above 100°F.

**For Technical Information call 800.342.3755**

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