



ChemMasters

SPECIALTY CONSTRUCTION PRODUCTS

AQUANIL

SILICONE MOISTURE BARRIER
FOR CONCRETE AND MASONRY



P R O D U C T D A T A

DESCRIPTION

Aquanil is a penetrating, breathable, moisture repellent for exterior concrete and masonry surfaces. It contains 5% active silicone resin in a petroleum distillate solution. Aquanil is a clear liquid which penetrates and will not form a film on the surface. When applied at the proper coverage rate on a properly prepared surface, Aquanil will normally not alter the appearance of treated surfaces.

USES

- Formed and poured concrete, concrete block, precast concrete
- Clay brick, concrete brick, facing brick
- Unglazed clay tile, natural and artificial stone
- Stucco, cement plaster, mortar joints

ADVANTAGES

- Extends the life of masonry
- Forms an invisible moisture barrier
- Minimizes efflorescence
- Permits masonry to breathe and moisture vapor to escape

TECHNICAL DATA

Aquanil meets or exceeds the requirements of:

- Federal Specification SS W 110C
- Canadian Specification 58 GP 1
- V.O.C. Content: 570 gm/L
- Nonvolatile: 30% by weight
- Water Repellency- Wind Driven Rain Conditions
ASTM E-514 100% Reduction

PACKAGING

Aquanil is packaged in 1 gallon pails, packaged four to a case, 5 gallon pails and 55 gallon drums.

ESTIMATING GUIDE

Surface Types	Ft. ² /gal	M ² /L
Clay Brick-Porous	60-120	5.6-11
Clay Brick-Dense	100-150	9.3-14
Sand Block and Cast Stone	75-125	7-11.6
Light Weight Block	50-90	4.6-8.4
Artificial Stone	50-100	4.6-9.3
Sandstone	50-110	4.6-10
Other Natural Stone-Porous	60-110	5.6-10
Other Natural Stone-Dense	50-80	4.6-7.4
Concrete	60-90	5.6-8.4
Stucco	70-95	6.5-8.8
Mortar Joints	60-80	5.6-7.4

Estimating guide assumes the concrete or masonry is in good general condition. Old substrates may be more porous due to exposure and weathering. Steam cleaning, pressure washing and sand blasting increase porosity and absorptive characteristics. The above recommendations may be adjusted for the condition of the substrate to be treated. When estimating Aquanil coverage, allow 10% for overspray.

DIRECTIONS

The surface should be dry, clean and free of stains, efflorescence, foreign matter and loose mortar. Remove efflorescence with a masonry cleaner. Contaminants on the substrate may cause discoloration and will impede Aquanil's penetration into the surface. Repoint all defective mortar joints, cracks and holes prior to Aquanil application.

Mask and protect adjoining surfaces such as glass, metal frames and doors from overspray. Landscaping plants and trees should be covered.

It is always best to apply material to a small test area to establish an appropriate coverage rate and to ensure that there is no discoloration of the substrate when the material has dried. Start at the top and apply material with low-pressure airless spray, roller or brush. Flood surface to the point of saturation, as indicated by a run-down of 6-12 inches. Very porous surfaces may require a second coat. Allow 24 hours between coats.



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CLEANUP

Clean tools and equipment used to apply Aquanil with Polyseal Solvent or xylene, xylo.

STORAGE

Store in tightly sealed containers in a cool, dry area away from direct sunlight and sources of heat. Shelf life of properly stored material is one year from date of manufacture.

LIMITATIONS

- Aquanil should not be applied to mortar less than 30 days old or if rain is expected within two (2) hours. Aquanil should not be used on damp surfaces.
- Some natural and manufactured masonry products, particularly light colored units, contain minerals which may cause stains when treated with silicone. A test area is always recommended. Stains should be apparent within 24 hours.
- If splashed upon glass surfaces, remove immediately with a cloth dampened with a strong solvent such as Polyseal Solvent, xylene or xylo. Wipe dry with a clean cloth.
- Do not apply if temperature is, or is expected to be less than 40°F./4°C. Not recommended for indoor use if fumes are objectionable.

CAUTION

Combustible Liquid: Keep away from heat or open flame. Use with adequate ventilation. May cause skin, eye and respiratory tract irritation. Do not take internally. Keep out of reach of children.

All label precautions and the MSDS must be fully understood before using this product.

This Product is Formulated and Labeled for Industrial and Commercial Use Only

FOR BEST RESULTS AND SAFEST USAGE, USER IS SPECIFICALLY DIRECTED TO CONSULT THE CURRENT MATERIAL SAFETY DATA SHEET AND PACKAGE LABEL FOR THIS PRODUCT

We warrant our products to meet our published specifications and to be free from defects in materials and workmanship to the acceptable quality levels defined in these specifications. If acceptable quality levels are not specified, the acceptable quality levels will be those normally supplied by us for the product. We make no guarantee of the results to be obtained from the use of our products. The determination as to the adaptability of any of our products to the specific needs of the Buyer is solely Buyer's prerogative and responsibility. We are glad to offer suggestions on the use of our products. Nevertheless, there are no warranties given except such as expressly warranties offered in connection with the sale of a particular product. Our liability shall be limited to replacement of, or refund of an amount not to exceed the purchase price attributed to, the goods as to which such claim is made. Our selection of one of these alternatives shall be Buyer's exclusive remedy. IN NO CASE SHALL WE BE LIABLE FOR CONSEQUENTIAL OR SPECIAL DAMAGES, EVEN IF WE HAVE BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. THE FOREGOING WARRANTIES ARE IN LIEU OF ALL OTHER WARRANTIES, GUARANTEES, CO-CONDITIONS AND REPRESENTATIONS, EITHER EXPRESSED OR IMPLIED, WHETHER ARISING UNDER ANY STATUTE, COMMON LAW, USAGE OR TRADE, COURSE OF DEALING OR OTHERWISE, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.