



## 4.01 FAST WATER REPELLENT

### *Siloxana Moisture Barrier for Concrete and Masonry*

#### PRODUCT DESCRIPTION

FAST Water Repellent is a penetrating, breathable, moisture repellent for exterior concrete and masonry surfaces. It contains 5% active silicone resin in a petroleum distillate solution. FAST Water Repellent 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, FAST Water Repellent 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

FAST Water Repellent meets or exceeds the requirements of:

- Federal Specification SS W 11<sup>0</sup>C
- 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

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

#### ESTIMATING GUIDE

Surface Types	Ft. <sup>2</sup> /gal	M <sup>2</sup> /L
• Clay Brick-Porous	60-120	5.6-11
• Clay Brick-Dense	100-150	9.3-14
• Sand Block & 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 FAST Water Repellent 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 FAST Water Repellent's penetration into the surface.



# FastChem Technologies

*The Fast Chemistry for Construction*

Repoint all defective mortar joints, cracks and holes prior to FAST Water Repellent 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.

## CLEANUP

Clean tools and equipment used to apply FAST Water Repellent with Polyseal Solvent or xylene, xylol.

## 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

- FAST Water Repellent should not be applied to mortar less than 30 days old or if rain is expected within two (2) hours. FAST Water Repellent 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 xylol. 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.

## WARRANTY

This product is warranted to be free of defects in material and workmanship, and conform to FastChem Construction Chemicals ("FastChem") quality control standards. All recommendations, statements and technical data herein are based on tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty or guaranty of any kind, expressed or implied including but not limited to, an implied warranty of merchantability or an implied warranty of fitness for a particular purpose. Satisfactory results depend upon many factors beyond FastChem's control. User shall rely on his or her own information and tests to determine suitability of the product for the intended use and user assumes all risk, loss, damage, expense and liability resulting from his or her direct use, indirect use or consequential to their use of the product. FastChem shall not be liable to the buyer or any third person for any injury, loss or damage directly or indirectly resulting from use or inability to use the product. FastChem's sole responsibility shall be to replace that portion of the product which proves to be defective. Any warranty claim must be made within six (6) months from the date of the claimed breach. This limited warranty applies only if the product was properly installed and used according to all instructions and was properly stored prior to use.

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