



4.01 XPERT Hydro Coat

Hydrophobic, Transparent waterproof coating for concrete & masonry.

PRODUCT DESCRIPTION

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

XPERT Hydro Coat meets or exceeds the requirements of :

CATEGORY	PARAMETERS
Federal Specification	SS W 11 ⁰ 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

XPERT Hydro Coat is packaged in 1-gallon pails, packaged four to a case, 5-gallon pails and 55-gallon drums.

CLEANUP

Clean tools and equipment used to apply XPERT Hydro Coat 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.

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 XPERT Hydro Coat penetration into the surface. Repoint all defective mortar joints, cracks and holes prior to XPERT Hydro Coat 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.

LIMITATIONS

- XPERT Hydro Coat should not be applied to mortar less than 30 days old or if rain is expected within two (2) hours. XPERT Hydro Coat 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 40oF. /4oC. Not recommended for indoor use if fumes are objectionable.

ESTIMATING GUIDE

SURFACE TYPES	Ft.2/gal	M2/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 – 8.4
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