

DESCRIPTION:

AQUA-PEL is a waterborne, self crosslinking, penetrating, water repellent designed to inhibit water absorption and the penetration of most atmospheric pollutants on exposed concrete and masonry. Reaction with masonry and humidity chemically bonds highly water repellent AQUA-PEL to the substrate. AQUA-PEL's extremely small molecular structure allows complete saturation of and absorption into a porous cementitious material. Treated surfaces resist damaging salt influx, freeze/thaw spalling, efflorescence, mildew and other moisture related damage.

AQUA-PEL gives long lasting protection to alkaline masonry surfaces such as architectural concrete, masonry, mortar, grouts and high strength cement. Conforms to ASTM E514.

USES:

AQUA-PEL seals concrete, concrete block, clay brick, pressed brick, stone, stucco and plaster. AQUA-PEL protects your masonry from water damage, airborne dirt, and efflorescence.

ADVANTAGES:

AQUA-PEL has the following advantages:

- ⇒ Dries to a hard finish which will not attract airborne dirt.
- ⇒ Excellent penetration into the pores of concrete and masonry.
- ⇒ Will not change the color or texture of the surface.
- ⇒ Prevents freeze and thaw damage.
- ⇒ Inhibits efflorescence.
- ⇒ May be applied to surfaces which are slightly damp.
- ⇒ Maintains long term weatherability.

PROCEDURES:

Masonry surfaces should be clean and free of surface dust, oil or other surface coatings. New concrete should be well cured using water, wet burlap or polyethylene sheet. All joint sealants or caulks should be in place prior to the application of AQUA-PEL.

AQUA-PEL may be applied with a brush, roller or low pressure spray. Always apply to a vertical surface from the bottom upwards as this will eliminate any streaking caused by over application. More than one coat may be applied, however, the second coat must be applied to the previous coat while it is still wet.

TECHNICAL DATA:

Coverage: 2.45 - 4.9 (m ² /liter) (depending of porosity of substrate) 100 - 200 (ft ² /US gallon)
Drying time (60°F): 1-2 hours
Shelf life: 6-9 months
Specific gravity: 0.99 (kg/liter) 8.33 (lbs/US gallon)
Active ingredients: Methyl Hydrogen Polysiloxane
V.O.C.: 20 grams/liter

LIMITATIONS:

Do not use over saturated surfaces or curing membranes, not recommended on non-porous materials i.e. glazed tiles.

Protect Aqua-Pel from freezing. Liability for damages or defective goods shall be limited to the refund of the purchase price or replacement.

PACKAGING:

AQUA-PEL is packaged in 4.0 liter metal containers.

SAFETY PRECAUTIONS:

Use AQUA-PEL in a properly ventilated area. Wear protective clothing including gloves and a face shield or goggles. If spilled on skin, wash thoroughly with soap and water. Safety Data Sheet is available at www.basalite.ca.