



TECHNICAL DATA SHEET

EAGLE WATER-REPELLENT

DESCRIPTION

Eagle Water-Repellent is a water-based state-of-the-art water-repellent sealer specifically designed for concrete, brick and masonry. **Eagle Water-Repellent** works better and lasts much longer than conventional sealers because it chemically reacts with the substrate to form an insoluble, waterrepellent barrier. This barrier is within the surface so it cannot wear away, fade, yellow, crack or peel. The finished application enhances the surface's natural color still allowing breathability.

FEATURES

- Long service life translates into low overall cost
- Easy to apply
- Fast drying and low odor
- Excellent penetration
- Breathable - excellent vapor transmission
- No change of surface gloss
- Only very slight darkening of original surface color enhancing the natural colors of the surface
- Contains no organic solvents
- Low VOC (meets EPA regulations)

BENEFITS

- Excellent water repellency
- Water-based; eliminates the safety concerns related to flammability, fumes and toxicity
- Can be used for outdoor or indoor and enclosed applications with minimal odor
- Excellent moisture vapor transmission (breathability) means **Eagle Water-Repellent** will not contribute to condensation problems
- Works as a chloride screen to protect against salt attack from de-icing salts, sea water, etc.
- Helps to protect reinforcing steel from corrosion
- Resists acid rain and other chemicals
- Helps to prevent freeze/thaw damage
- Resists mildew and moss formation
- Resists rust stains and efflorescence
- Easy clean-up with water

RECOMMENDED USES

- Bridge decks and supports
- Parking structures
- Concrete, block or brick walls and chimneys
- Driveways, including exposed aggregate
- Sidewalks, patios, balconies and steps
- Concrete pavers and retaining walls
- Marine floats and docks
- Stucco walls
- Concrete roof tiles and unglazed floor tiles
- Asbestos cement
- Use to treat any masonry surface made from concrete, brick, mortar, grout, tile, terra-cotta, plaster, stone and limestone
- Porous wood

TECHNICAL DATA

Milky White Color Dries Clear
Fed Spec SS-W-230°F/110°C
Water Absorption 0.3%
NCHRP 244, Series II,
Water Absorption Reduction 72%
ASTM E514 Water Penetration
by 'Wind Driven Rain' 89% Reduction
NCHRP 244, Series II,
Chloride Intrusion 76% Reduction
NCHRP 244, Series IV,
Accelerated Weathering
Reduction in Soluble Chloride 90%
VOC 199 g/L
Application Rate 100-300 sq.ft./gal
Storage Stability 1 Year

PACKAGING

5 U.S. gallons
1 U.S. gallon



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APPLICATION

For professional use only. Surface must be clean, dry and free from traces of dirt, grease, oil, dust, organic growth and any other contaminate that may interfere with the penetration or reaction of the **Eagle Water-Repellent**. For best results, we recommend using **Cleanse360** cleaner first. Surface temperatures must be above 40°F/4°C and remain above 40°F/4°C for a minimum of 24 hours. Use as supplied. Do not dilute with water or any other solvents. Always apply a test patch in an inconspicuous area and confirm the results are acceptable for continuing. Use this test patch to determine adequate coverage levels. Protect greenery from over spray.

Eagle Water-Repellent is best applied with a low pressure sprayer. A common garden sprayer is adequate for most jobs. Airless spray equipment is more efficient for larger projects. Can also be applied by mop, flooding and squeegee, broom, brush or roller. Apply two coats at the recommended rates of coverage (see below). Do not allow product to pool on the substrate surface.

IMPORTANT - treated surfaces will begin to develop water repellency soon after the initial application of **Eagle Water-Repellent** has dried. Since **Eagle Water-Repellent** is water-based it is necessary to apply the second coat immediately after the first coat is dry, so that the second coat will not be repelled by the first. This may mean that large projects will need to be completed in sections.

COVERAGE

Eagle Water-Repellent should be applied in two coats. Apply the first coat at 150 square feet per gallon. Apply the second coat at 300 square feet per gallon. At these rates you will require one gallon for every 100 square feet. Less porous surfaces may require less material.

LIMITATIONS

- Not effective on non-silica substrates; do not use on vinyl, asphalt, metals and painted or sealed surfaces
- Maximum water resistance will be attained once the chemical reaction is complete, typically 4-7 days
- Limited repellency to oil
- Not recommended for constant immersion
- Overcoating with paints or sealers is not recommended

PRECAUTIONS

- Do not store in direct sunlight or in temperatures above 90°F/32°C
- Do not store at temperatures below 35°F/2°C
- Spot test where appearance change is a concern
- See the Material Safety Data Sheet (MSDS) for this product