



MOXIE
SHIELD

Brick Sealer

MOXIE SHIELD 1300

is a water repellent, surface sealer formulated for all types of natural brick surfaces. Prevents water and moisture penetration on vertical, above-grade and natural brick surfaces providing long-term protection. Suitable for interior, exterior, decorative, and historical applications.

AT A GLANCE

Moxie Shield 1300 Brick Sealer is a water based, non-toxic, non-flammable sealer. When applied to brick or ornamental surfaces, it undergoes a chemical reaction, which changes MOXIE 1300 BRICK SEALER from a liquid to a hard silicon resin that dries in 24 hours to form a water repellent barrier. Treatment forms a water repellent zone up to 3/4 of an inch deep for porous brick and mortar, ranging down to 1/4 inch for dense, fine pored brick masonry products. Test data shows superior results over silane/siloxane sealers without alcohol or petroleum solvents. Moxie 1300 produces a breathable, water repellent surface suitable for wind-driven rain.

RECOMMENDED USES

- Natural Brick
- Manufactured Brick
- Ornamental Surfaces

ADVANTAGES

Ease of application - No mixing

Water repellent

Resists mildew & fungus growth

Allows vapor passage

Prolonged surface life

Maintains original surface characteristics, color & cleanliness

Reduces efflorescence and alkali attack

Increased freeze-thaw durability

Penetrates 1/4 to 3/4 of an inch

Improves weathering resistance of natural and manufactured brick products

Proven Performance

Moxie Shield 1300 liquid penetrating brick sealer has been used on building and construction materials for over 40 years to prevent moisture intrusion, while preserving surface integrity of the substrate.

Sustainability

- Building for future generations – The Moxie technology strengthens the inner structure of concrete and leads to longer lasting quality structures.
- LEED Certification – Moxie Shield 1300 increases available LEED credits for projects.
- Zero VOC (EPA 24 VOC) – The Moxie technology is based on inorganic compounds.
- Non-Toxic / Non-Hazardous – The liquid Moxie Shield 1300 is not toxic or hazardous and when protecting concrete from moisture intrusion Moxie Shield 1300 will not release toxic or hazardous emissions.
- Water-Based – The technology is a water base carrier for inorganic ingredients.

Standards Compliance

ASTM C156, ASTM C666, ASTM D3960; EPA USDA VOC=0

Preparation

All construction faults and cracks should be repaired properly. All surfaces should be thoroughly cleaned, rinsed, and dry. After a rainfall, allow a minimum of 72 hours for surfaces to dry before application of sealer. Do not apply in damp, moist weather. New brick mortar should age at least 30 days before application. Pressure wash new mortar residue from brick surface. MOXIE 1300 BRICK SEALER will react with any mortar residue and produce a white surface.

Application

1. Apply to clean, dry surfaces only. Spray over area and allow a rundown of 12 inches during application, which will assure adequate absorption and coverage. A brush or roller may also be used. Apply second coat ONLY while first coat is still damp. DO NOT ALLOW FIRST APPLICATION TO DRY BEFORE THE SECOND IS APPLIED OR THE SURFACE WILL "WHITE OVER", SIMILAR TO A WHITEWASHED SURFACE. NOTE: it is recommended that no more than a 50 square foot section be coated at a time to assure the first coat doesn't dry before 2nd coat is applied.
2. Allow 24 hours curing for maximum performance.

Coverage Rate

- For two coat coverage estimate 50-100 ft² per gallon, depending on substrate porosity.
- Hard fired, new brick, 75-100 ft² per gallon.
- Porous, old, weathered brick, 50-75 ft² per gallon.

Packaging

Moxie Shield 1300 Surface Sealer is available in 1 gal (3.8 L) and 5 gal (18.9 L) pails, 55 gal (208 L) drums and 275 gal (1041 L) totes.

Storage

Do not allow to freeze.

Limitations

MOXIE 1300 Brick Sealer should not be applied on moist or wet surfaces. Do not apply in direct sunlight. Do not apply in windy conditions. Do not apply if ambient temperatures are below 50° F / 10°C.

Additional Information

Avoid contact with eyes. Due to pH level do not allow this product to come in contact with plant life or leather. DO NOT ALLOW PRODUCT TO COME IN CONTACT WITH GLASS, PORCELAIN OR CERAMIC TILE, ALUMINUM, ZINC OR GALVANIZED STEEL, remove with a damp cloth immediately. Product will permanently etch or erode the smooth surface. Must be rinsed with water or removed with damp cloth immediately.

Manufacturers Guarantee

Moxie Shield 1300 Brick Sealer is guaranteed to perform and be manufactured per the specifications contained in the Moxie Engineering documentation.

Related Documents

SDS

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