

TECHNICAL DATA SHEET



MOXIE SHIELD 1200 ***STUCCO & PLASTER SEALER***

MOXIE SHIELD 1200 IS A WATER REPELLENT, SURFACE SEALER FORMULATED FOR ALL TYPES OF STUCCO AND PLASTER SURFACES. PREVENTS WATER AND MOISTURE PENETRATION ON VERTICAL, AND ABOVE-GRADE SURFACES PROVIDING LONG-TERM PROTECTION. SUITABLE FOR INTERIOR, EXTERIOR, DECORATIVE, AND HISTORICAL APPLICATIONS.

AT A GLANCE

MOXIE SHIELD 1200 Stucco & Plaster Sealer is a water based, non-toxic, non-flammable sealer. When applied to stucco or ornamental surfaces, it undergoes a chemical reaction, which changes MOXIE SHIELD 1200 Stucco & Plaster Sealer from a liquid to a hard silicone 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 stucco and mortar, ranging down to 1/4 inch for dense, fine pored stucco masonry products. Test data shows superior results over silane/siloxane sealers without alcohol or petroleum solvents. MOXIE SHIELD 1200 Stucco & Plaster Sealer produces a breathable, water repellent surface suitable for wind-driven rain.

RECOMMENDED USES

For use on above grade:

- Stucco & Plaster Siding
- Coastal Areas
- Single & Multi Family Residential
- Fire & Police Stations
- Churches & Religious Buildings
- Historical Building Restoration
- Hospitals & Healthcare
- Hospitality, Hotels & Resorts
- K-12 Education & Universities
- High Rise & Office Towers
- Municipal, Libraries & City Halls
- Retail Centers & Strip Malls
- Warehouse & Industrial Facilities

ADVANTAGES

- Ease of application
- Water repellent
- Prevents mildew & fungus growth
- Prevents lichen, moss and other surface accretions
- Prolonged surface life
- Resists rust, clay and waterborne contaminant stains
- Reduces internal chlorides
- Maintains original color & cleanliness
- Reduces efflorescence and alkali attack
- Reduces deterioration and penetration of contaminants
- Improves weathering resistance
- Increased freeze-thaw durability, reducing flaking, scaling and spalling

PROVEN PERFORMANCE

MOXIE SHIELD 1200 liquid penetrating stucco and plaster sealer has been used on building and construction materials for over 50 years to prevent moisture intrusion, while preserving surface integrity of the substrate.

SUSTAINABILITY

- **Building for future generations:** The MOXIE SHIELD technology strengthens the inner structure of stucco and leads to longer lasting quality surfaces.
- **LEED Certification:** MOXIE SHIELD 1200 Stucco & Plaster Sealer 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 1200 is not toxic or hazardous; therefore, when protecting stucco and plaster from moisture intrusion MOXIE SHIELD 1200 Stucco & Plaster Sealer will not release toxic or hazardous emissions.
- **Water-Based:** The technology is a water-based carrier for inorganic ingredients.

STANDARDS COMPLIANCE

ASTM C666, ASTM D3960;

EPA USDA VOC=0

COVERAGE RATE

- For two coat coverage estimate 50-100 ft² per gallon, depending on substrate porosity.

SURFACE PREPARATION

All construction faults and cracks should be repaired properly. Surfaces should be thoroughly cleaned, rinsed and dry. **DO NOT USE DETERGENTS.** Before application of sealer allow 72 hours after a rainfall for surfaces to dry. Thoroughly mix sealer before use.

APPLICATION PROCEDURES

1. Apply to clean, dry surfaces **ONLY**. Do not apply in direct sunlight. Test an area before use.
2. To assure adequate absorption and coverage, spray area to allow a rundown of 12 inches during application. A brush or roller may also be used.
3. Apply second coat while first coat is still damp. **DO NOT ALLOW FIRST COAT TO DRY BEFORE THE SECOND COAT IS APPLIED.** It is recommended that no more than a 50 ft² section be applied at one time.
4. Allow 24 hours curing for maximum performance.

PACKAGING

MOXIE SHIELD 1200 Stucco & Plaster 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.

ADDITIONAL INFORMATION

Do not apply in rain. Do not apply if the ambient temperature is below 50°F/10°C. Do not apply in windy conditions. Avoid contact with eyes. Due to the high 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 running water or a damp cloth immediately. Product will permanently etch or erode the smooth surface.

MANUFACTURER'S GUARANTEE

MOXIE SHIELD 1200 Stucco & Plaster Sealer is guaranteed to perform and be manufactured per the specifications contained in the Moxie Engineering documentation.

RELATED DOCUMENTS

Safety Data Sheet

Application Procedures