

PROUDI TRADING FZE

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MOYASEAL SS 556

Wall Efflorescence Penetrative Sealer

Description

MOYASEAL SS 556 is a specialized single-component clear liquid designed to protect masonry and plaster walls from efflorescence. Its unique molecular structure provides effective water repellence while allowing the substrate to breathe, rather than creating a complete seal. This formulation ensures that the surface is safeguarded against water penetration, carbonation, and the intrusion of chlorides and sulfur dioxide. By preventing moisture and chloride contamination, MOYASEAL SS 556 also helps to retard corrosion, thereby preserving the integrity and durability of the concrete.

FEATURES

MOYASEAL SS 556 is an excellent water repellent, offered as a colorless, clear transparent liquid. It provides a robust protective treatment for plaster and concrete surfaces by penetrating deeply into capillaries with its oleophobic lining. This effective treatment completely prevents efflorescence, ensuring long-lasting protection against moisture and enhancing the durability of the treated surfaces.

USES

MOYASEAL SS 556 delivers an excellent protective treatment for a variety of surfaces, including concrete, block work, brick, precast concrete, concrete structures, and plastered surfaces. It forms a superior barrier against chlorides and rainwater, providing outstanding protection against carbonation and vapor penetration. This makes it an ideal choice for enhancing the durability and longevity of both new and existing structures.

COVERAGE

For plaster walls and concrete surfaces, MOYASEAL SS 556 covers an average of 3-6 square meters per liter per coat, depending on the porosity of the surface.



Advantages of MOYASEAL SS 556:

- **Exceptional Wall Protection:** Provides outstanding defense against moisture attack, safeguarding surfaces from potential damage.
- **Enhances Paint Durability:** Improves the longevity and quality of paints by creating a protective barrier.
- **Easy Application:** Can be easily applied using either spray or brush techniques, and requires no mixing due to its single-component formulation.
- **Colorless Coating:** The coating is clear, with its protective effects being optical, achieved through reduced light diffraction.
- **Effective Penetration:** Demonstrates excellent penetration into wall substrates, ensuring thorough protection against water infiltration.
- **Prevents Dampness:** Protects plaster walls from dampness, helping to maintain a dry and stable surface.
- **Resists Discoloration and Pollution:** Shields the surface from discoloration and environmental pollution, preserving the aesthetic and structural integrity of the wall.

CHARACTERISTICS

Appearance	Specific gravity	Maximum Concentrated	Clear transparent
water penetration (BS Stnd)			0.9
Maximum chloride ion penetration (BS)			>5%
Minimum application Temperature			>5°C
Drying Time			> 5 °C
DFT:			1 hour at 30 °C
			no film formation

STANDARDS

ASTM C 1202: 1997, AASHTO T277:93 BS 4131: 1973 Clause A.6

PRECAUTIONS

- **Flammability:** MOYASEAL SS 556 is solvent-based and highly flammable. Do not smoke while handling this product.
- **Protective Gear:** Always wear protective gloves and goggles during application.
- **Application Conditions:** The product's guarantee does not cover extreme UV ray exposure, submerged conditions, or other harsh environments.
- **Ventilation:** Ensure the application area is well-ventilated to avoid inhaling fumes.
- **Flame Safety:** Keep away from naked flames and any sources of ignition.
- **Storage:** Store the product away from direct sunlight and high temperatures.
- **Application:** Avoid applying the product under direct sunlight to ensure optimal performance and adhesion.

Tools Cleaning: Used tools should be cleaned with a suitable thinner to ensure they remain in good condition and free of residue.

Shelf Life: MOYASEAL SS 556 has a shelf life of up to 12 months when stored in sealed containers, away from direct sunlight and high temperatures.



Surface Preparation

- All the substrates should be free from dust, grease and all other foreign materials.
- Surface must be perfectly clean with water and allow to dry completely.



LIMITATIONS:

Application Tools: Do not use sponges or rollers for application. Only use a low-pressure spray or brush.

Marble Treatment: Avoid using etching chemicals on marble surfaces.

Moisture Reaction: MOYASEAL SS 556 reacts with moisture; ensure the container is sealed when not in use.

Ventilation and Weather: Apply in well-ventilated areas. High winds can interfere with application. For optimal hydrophobic effects, apply with saturation.

Surface Preparation: Ensure surfaces are perfectly dry before coating. Apply in wet-on-wet conditions for best results, with a minimum of two coats.

Application:

Method: Use a low-pressure spray or brush. For vertical surfaces, start at the bottom and work upwards. Keep the spray gun close to the surface and stir the material well before use. Do not dilute with water or solvents. Apply a second coat immediately after the first while it is still wet.

Special Notes:

Protective Measures: Wear protective clothing such as gloves and goggles. In case of skin or eye contact, rinse immediately with fresh water. If swallowed, seek medical assistance immediately without inducing vomiting.

Application Conditions: Avoid application under direct sunlight and ensure proper ventilation during application.

Technical Support:

PROUDI TRADING FZE Services: Offers technical support packages for specifiers, end-users, and contractors, including on-site technical assistance in various locations.

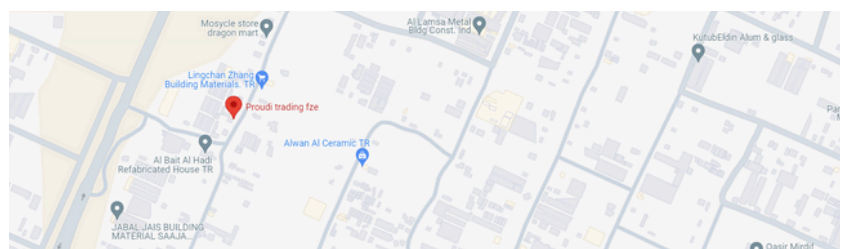
Note:

Information Accuracy: The provided information is based on extensive experience and is intended to assist you. PROUDI TRADING FZE reserves the right to update this information due to ongoing research and development. While we guarantee product quality, we are not liable for any loss or damage due to site conditions or execution of work.

Complementary Products:

PROUDI TRADING FZE offers a range of complementary products, including:

- Cementitious Additives
- Bonding Agents & Adhesives
- Concrete Flooring and Topping
- Concrete Structural Repair Products
- Marble and Stone Protection Systems
- Cementitious & Epoxy Grouts
- Waterproofing Systems
- Specialized Construction Products
- Fireproof Mortar & Sealants
- Cement Plaster Systems
- Injection Systems



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