

EWI-087 RENDER SHIELD PRODUCT DATA SHEET

Render Shield is the newest innovation from EWI Pro, engineered to protect your render surfaces from the unpredictable British elements. It is straightforward to apply on pre-existing renders, forming a breathable protective layer that shields against rainwater damage and prevents dirt penetration. Render Shield dries transparently with a matte finish and once cured it significantly reduces the surface's absorbency by forming a vapour-permeable film. Additionally, Render Shield is an excellent solution for discouraging the growth of biological contaminants on render surfaces. It also aids in maintaining the original appearance of your render by preventing discolouration after rainfall, ensuring your property retains a uniform and attractive look regardless of the weather conditions.

Intended Uses

Intended for creating a hydrophobic film on absorbent surfaces of construction elements, both indoor and outdoor.

For securing facades against the penetration of rainwater and aggressive compounds.

Intended for mineral plasters (without gypsum content), stone cladding, concrete, terrazzo, mineral paint coats, rendered walls, silicate surfaces, ceramic and cement roof tiles, cement-fiber panels, etc.

After drying, contains a vapor-permeable layer reducing the absorbency of the surface, preventing damages caused by frost or salt crystallization, limits soiling and biological aggression.



Technical Specification

Consumption

0.1 Litre/m²

Density

c.a. 1.00g/cm³

PH

6-8

Waterproof Quality

After 4 hours

Full Hydrophobic Effect


After 7 days

Material base

- Water
- Function Polysiloxane Emulsion

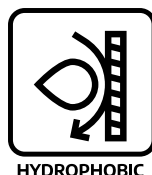
Please note: These figures may vary based on the substrate and application method.

Technical Data

Packaging 5 Litre Jerry Can 

Quantity 5 Litre

Colour Clear



Please see the reverse of this page for directions for use.

Directions for use

Substrate Preparation

Groundwork must be ground and cleaned. All loose or non-load-bearing elements must be removed. The groundwork should be cleared of dust, soot, grease or any other anti-adhesion solutions reducing grip.

Product Preparation

Ready-to-use product. Do not dilute with water or mix with other materials. Mix thoroughly before use.

Application

Apply the preparation on substrate with a brush or roller or on larger surfaces by means of spray method until the bed is saturated. It is advisable to apply the agent at least twice. The next layer should be applied when the preparation has already sunk, and the surface is not shiny and optically looks dry. After accidentally soiling windows or door with the solution, wash them immediately with water. Until the solution dries, the surfaces treated should be protected against precipitation.

Apply in temperatures from +5°C to +25°C, these temperature refer to air, groundwork and product temperature.

The mortar can be stored for up to 12 months from production date in sealed packaging and at temperatures, ranging from +5°C to +25°C. The storage area shall be kept out of the reach of children, protected against direct sunlight and located far from heat sources and naked flames. It can be transported by any means of transport, at a temperature not lower than +5°. It is not subject to ADR provisions.

This product data sheet replaces all its previous versions. The information, included in this technical card, represents our current knowledge and practical experience. This is general information only which shall not obligate the manufacturer to take any responsibility either for workmanship or for the manner of use. For there may be differences and specific execution conditions. The product shall be applied in accordance with required technical knowledge and OHS rules. Avoid contact with skin and protect eyes. In case of contact with eyes, rinse them up with a large quantity of clean water and consult a doctor. It shall be recommended to use gloves, safety goggles and protective clothing.

Clean-up

Wash tools immediately with clean water.

Compliance with Standards

PN-C-81913:1998 Dispersion paints for facade painting.

European Technical Approvals

ETA – 15/0576 and ETA – 15/0575 BBA Approval Inspection Testing Certificate 18/5503

Application Conditions

Substrate

Render

Substrate Condition

Clean, no algae or moss

Preparation

Fungicidal Wash EWI-360

Properties

- Easy to use
- Vapour-permeable
- Reduces absorbency
- Limits soiling
- Freezeproof
- Effective
- Hydrophobic

Storage

Shelf life: up to 12 months from the date of manufacture. Keep dry and in the original packaging at a temperature of +5°C to +25°C

Packaging

5kg plastic containers

Safety Measures

Avoid contact with skin. Wear eye protection. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. After contact with skin, wash with water. Wear suitable protective gloves and clothing.



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