

Sikagard H 115

(Formerly known as MProtect H115)

A water based, clear water repellent for masonry surfaces

DESCRIPTION

Sikagard H 115 is a one component, water based ready to use water repellent for masonry surfaces.

Sikagard H 115 penetrates deep into the substrate where it reacts chemically. The reaction starts immediately as soon as the active ingredients get in contact with the substrate. The reaction time depends on temperature, humidity and nature of the substrate. The treated surface does bead water shortly after application of **Sikagard H 115**

USES

Sikagard H 115 is a clear penetrating water repellent for use on porous and semi-porous substrates such as concrete clay and calcium silicate brick, honed limy- sandstone and sand-cement render.

BENEFITS

Aesthetics

- Improves the aesthetics by reducing efflorescence .
- Surface appearance remains unchanged as **Sikagard H 115** penetrates into the substrate.

Durable

- Long terms protection due to deep penetration
- Ultraviolet and acid rain resistant
- No influence on moisture vapour permeability

Environmentally friendly

- Water based
- Reduces volatile organic emissions into the atmosphere
- No dangerous fumes

Cost effective

- One layer only (subject to surface porosity)

Easy to apply

- Ready to use, no dilution on site guarantees consistent quality
- One component
- Application equipment and spillages easily cleaned with soapy water.

PACKAGING

20 liter plastic can 200 liter plastic drum

COVERAGE

Typically 1-4 m²/l on masonry surfaces. Coverage rates vary with nature and porosity of the substrate.

PRODUCT DATA TYPICAL PHYSICAL PROPERTIES

Density	1.0 kg/l
Flash point (ASTM D-3278):	>100oC
Water absorption : (ASTM C-642)	95 % reduction vs. untreated
Early water beading: (TNO guideline)	Excellent Within 1 hour

Typical values. All tests were carried out under temperature controlled conditions of 21o C.

STORAGE

Sikagard H 115 should be stored under cover, clear of the ground. Protect from freezing. Rotate stock in order not to exceed the shelf life of 12 months. Storage temperature should not exceed 30^oC.

APPLICATION SUBSTRATE PREPARATION

Surface to be treated must be clean and free from laitance, contaminants and previous water repellent treatments which could cause non-uniform absorption or white staining. Water jetting or sandblasting may be required to achieve the desired condition.

Remove efflorescence by dry brushing.

Caulking and sealant work must be done prior to the application of **Sikagard H 115** and allowed to cure in accordance with the manufacturers instructions

MIXING

Sikagard H 115 is ready for use, stir slightly.

APPLICATION

The temperature of the surface, the air and the material should be between 10oC and 35oC during the application.

Test a small area before starting general application to assure the desired results and coverage rates are obtained. Only use low pressure, non-atomising spray equipment. Application should be from bottom up to assist in uniform distribution of **Sikagard H 115**.

Apply in one operation to saturation, with a controlled sun-down to a maximum of 20 cm. in certain cases, a mist coat of potable water before application may be necessary to help break the surface tension- this will ensure maximum penetration of the saturation coat.

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CLEAN UP AND SPILLAGES

Equipment and incidental areas of over – spray should immediately be cleaned with soapy water to avoid eventual straining. **Sikagard H 115** will leave a visible residue on non-porous materials such as glass, metal and painted surfaces when cured. Dried, polymerized material can be removed by scraping with a metal blade. Protect plant life from over spray.

HEALTH AND SAFETY

Sikagard H 115 is essentially non-hazardous but it is recommended that gloves and eye protection should be worn.

Accidental splashes of the material to the skin and eyes should be immediately washed off with clean water. In the event of prolonged irritation, seek medical advice. A material safety Data sheet for this product is available request..

QUALITY STATEMENT

This statement is made under condition that the material and usage thereof conform to the terms of our published literature and recognized good workmanship

Whilst any information contained herein is true, accurate and represents our best knowledge and experience, no warranty is given or implied with any recommendations made by us, our representatives or distributors, as the conditions of use and the competence of any labor involved in the application are beyond our control

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