



Sovereign AquaChek



A state-of-the-art water-based water repellent for masonry substrates.

Product Code
30806526

Description

Sovereign AquaChek is a state of the art water based water repellent for masonry substrates. Sovereign AquaChek is a novel blend of alkylopolysiloxane in an aqueous dispersion of hydrophobic substances.

It is supplied as a concentrate for dilution with water prior to use.

AquaChek has zero VOC – no organic solvent.

Form Supplied: Liquid Concentrate

Pack Size: 5 Litres

Colour Range: Dries clear

Properties

Sovereign AquaChek can be used on a wide variety of porous building materials to impart water repellency.

AquaChek is resistant to alkaline attack making it particularly suitable for use on fresh concrete.

AquaChek has little effect on the water vapour permeability of substrates, so allowing walls to breathe.

AquaChek meets the requirements of BS6477:1992 – Specification for Water Repellents for Masonry Surfaces.

Sovereign AquaChek has the following advantages over conventional solvent based water repellents:

- ✓ Contains NO solvent.
- ✓ Pronounced beading effect lasts much longer (years, not months).
- ✓ Virtually no change in surface appearance. Solvent based products can darken masonry considerably.

AquaChek is a milky white emulsion, but dries clear on masonry.

Preparation

Sovereign AquaChek must be diluted with water prior to use. First shake the bottle then add the entire contents to 10 litres of clean water and stir. The dilution is ready to use straight away and can be kept for up to 6 months in a sealed container. Always stir before use.

All substrates must be thoroughly clean and dry prior to application. Sovereign would recommend the use of Sovereign Masonry Sterilising Wash on old masonry prior to application. Do not apply to damp walls or if rain is imminent.



USAGE

Sovereign AquaChek can be applied by brush or spray. Application is done in two coats, always working from the bottom upwards. Apply AquaChek to the surface using either a brush or low-pressure spray. The second coat should be applied 30 minutes after the first. Do not attempt second coat if the first has fully dried, as the surface will not accept further coats.

Optimal water repelling performance will only be obtained if a sufficient quantity of Sovereign AquaChek is applied.

GENERAL

Service life is expected to be 10 years subject to suitability of substrate and exposure. Service life can be extended by a further single application at approximately 5 year intervals.

Sovereign Aqua-Chek can be over coated with most conventional paints, however a preliminary test is compulsory.

CLEAN UP

Clean all equipment with detergent and water. Cover windows and doors prior to application. Accidental splashes can be removed with soapy water whilst still wet. Once dry removal can only be done mechanically. Wash off from hands immediately with warm soapy water.

LIMITATIONS

Blanching is occasionally encountered when using water repellents. The blanching phenomenon has been investigated in depth and a number of conditions under which this may occur have been determined.

COVERAGE

5 litres of AquaChek when diluted will cover approximately 22 m² using a two-coat application, dependant on the porosity of the substrate.

LIMITATIONS CONTINUED

Regardless of the condition, or combination of conditions, the blanching phenomena can in most cases be related to poor penetration of the treatment. Instances of blanching are rare and often require one or more of the following conditions to become prevalent:

- ! An application temperature below 10°C.
- ! Over application.
- ! Substrate pre-treatment.
- ! A substrate that contains >25% moisture, above the atmospheric level.

Always check that the surface to be treated is suitable. If in doubt a small test area should be tried.

If blanching occurs the building can be returned to its former appearance, this being achieved by wiping the substrate with 2 ethyl hexanol. It should be stressed that all relevant health and safety considerations be applied when using 2 ethyl hexanol as a remedial treatment.

Storage: Between 5°C – 30°C in sealed container.

Shelf Life: 12 months unopened.
6 months diluted. Stir before use.

HEALTH AND SAFETY

- ! Avoid skin and eye contact.
- ! Handle only when wearing protective clothing.
- ! Wash splashes from skin with soap and water, flush eyes with copious amounts of water and seek medical attention if irritation persists.



Health & safety information
available on request



Important Disclaimer

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