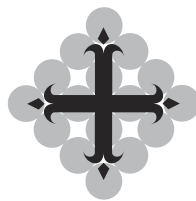


KA-Water Seal

Technical Data Sheet



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INFORMATION

Penetrates deep into porous substrates. Easy application by brush or spray.
Water based for use on dry and wet surfaces. Non-hazardous.
One coat required in most circumstances. Fast acting with a superior performance.
Allows substrate to breathe.



Water will ingress through an untreated substrate and this capillary absorption will lead to corrosion and rot. Moss, mould growth and salts can also occur on the surface. KA Water Seal can prevent heat loss through a wet wall. Heat loss through a wet wall can be up to three times higher than through a dry wall and this can create "cold spots" internally which, in turn, can lead to condensation and mould. Treating the surfaces with KA Water Seal will help avoid the above problems by protecting the surface but still allowing the surface to breathe. Description. KA Water Seal is a premium silicon based water sealer that can be used on dry and wet walls. Once cured KA Water Seal will prevent the penetration of water and damp whilst remaining permeable to moisture vapour and gasses.

KA-WATER SEAL CAN BE USED ON

• Brickwork • Woodwork • Blockwork • Cement renders • Cement/ mineral boards • Unglazed tiles • Grouting • Cast concrete • Stonework • Limestone • Pointing

When fully cured, KA-Water Seal is colourless / clear with no sheen. Application is easy and safe.

DESCRIPTION

KA-Water Seal is a Premium Silicone Based Water Sealer for use on Masonry, Woodwork & Paving. Unlike solvent systems, KA-Water Seal can be used on damp walls and will protect wood and masonry against rain, damp and frost damage. Once KA-Water Seal has cured, it will prevent the penetration of water and damp through internal and external wood, brick, block or stone, whilst being permeable to moisture vapour and gases, allowing the substrate to "breathe", so moisture in the structure can escape. KA-Water Seal can be used on porous brickwork, woodwork, cement renderings, cement/mineral boards, unglazed tiles, grouting, cast concrete, stonework (including those containing limestone) and pointing. When fully cured KA-Water Seal is colourless and clear with no sheen, and should not affect the appearance of treated surfaces. It is advisable to do a test area before full application. Application of KA-Water Seal is easy and safe.

PREPARATION

As with most coating treatments, surface preparation is critical and although this can be time consuming, it is essential that it is carried out thoroughly. KA-Water Seal is only fully effective if the capillaries in the substrate are sufficiently absorbant to allow for penetration. All surfaces should be clean and free from paint systems, oil, loose dust, curing compounds, surface hardeners and other contaminants.

APPLICATION

KA-Water Seal can be used on dry or damp surfaces. Application is best achieved with a brush or spray liberally coated from top to bottom (avoid using a fine mist). For best results KA-Water Seal should only be applied when no rainfall is expected in order to allow treated surfaces to dry and cure. Spray treatment should be performed in low-wind environment to minimise drift. A second coat can be applied (advisable where substrate is very porous). This should be done whilst the walls are still wet from the first coat.

EFFECTIVENESS

KA-Water Seal will become effective through moisture evaporation. Surface cure (beading) can occur within one hour under good drying conditions. Cold temperatures, limited air movement and surface moisture contact may all extend the time taken for surface water repellency to develop. Treated surfaces will remain permeable to water vapour allowing the surface to breathe.

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SPECIAL PROPERTIES

- Penetrates deep into porous substrates
- Easy application by spray or brush
- Water based for use on dry or damp walls
- Non-hazardous
- Only one coat required
- Fast acting, Superior performance compared to solvent based systems
- Also protects from dust, dirt and efflorescence

COVERAGE

Coverage is mainly dependent on the surfaces to be treated, application method, weather conditions and also the uniformity of the coating.

This 5 Litre container will cover up to 50m². Do not use in temperatures of 5 deg or below. Only use on porous surfaces. Remove existing decorative coatings before application. Do not use in areas of hydrostatic pressure.

HEALTH AND SAFETY

Handling KA-Water Seal is not classified as hazardous according to current labelling guidelines.

Wear lightweight impervious gloves when handling. Wash splashes from skin and eyes immediately.

Wash hands and exposed skin before meals and after use.

Keep in original container, tightly closed, in a safe place.

Splashes should be removed as soon as possible.

Health and Safety data sheet is available on request.

KEEP OUT OF REACH OF CHILDREN

STORAGE The product should be stored between 5°C and 25°C and for no longer than 12 months.



About this information

Whilst every care has been taken to ensure that this product can be used for the purpose for which it is intended. Kenyon Agencies Ltd have no control over the way that the product is used, the workmanship or application of the products. The information given here has been compiled on the basis of available knowledge in accordance with the requirements of the Chemical Hazards Information and Packaging Regulation 1997. This does not imply that the information is complete or accurate in all cases and no guarantee can be given that is complete and accurate. It is the user's responsibility to take adequate measures to satisfy themselves as to the application and suitability of the information and/or recommendations given for their own use. Depending on the nature and condition of the applicable surface, it is recommended that users ascertain suitability of product for own use by carrying out sample tests to surfaces as and when necessary. It is recommended that, in order to comply with the terms and conditions of the twenty five year guarantee, qualified operatives should be employed.