



SATIN SEAL

DESCRIPTION

SATIN SEAL is a PENETRATING SEALER comprising of an alkali stable siloxane-resin in an acrylic resin solution which when applied at the specified rates will give a satin seal, highlighting colours of the natural stone or ground concrete.

ADVANTAGES

- Reduction of water adsorption.
- Reduction of efflorescence.
- Reduction of lime erosion.
- Reduction of water born dirt pick-up.
- Reduction of chemical vapour corrosion.
- Reduction of frost damage.
- Reduction of mildew, moss, and lichen growth.
- Restored thermal properties.

Does HIGHLIGHT colours in natural stone.

Suitable for porous natural stone and polished concrete

Lower slip outcome than conventional acrylic sealers.

SUBSTRATE

The proposed surface to be treated must be unsealed and of a porous nature.

Listed below are some of the substrates successfully treated with a guide of the expected coverage when applied to achieve maximum performance.

COVERAGE

- Fibrous cement 6 - 10 m²/litre
- Cement render 1 - 2 m²/litre
- Concrete 2 - 4 m²/litre
- Aerated concrete 1 - 2 m²/litre
- Natural stone - including sandstone & polished granite 1 - 2 m²/litre
- Clay brick walls 1 - 2 m²/litre
- Concrete block walls 1 - 2 m²/litre
- Terracotta tiles 1 - 2 m²/litre
- Slate (must be porous to allow adsorption) 2 - 4 m²/litre

Remember these figures are a guide only, each individual substrate can give different results.

Substrate saturation is essential to give good quality results.

Special Note: Natural Stones

With porous natural stone (sandstone and the like) a penetration of an absolute minimum of 5mm is suggested, with preference of 5-10mm.

The degree of penetration should be checked, if practicable by breaking a test slab of stone, prior to commencing the full job.

If the penetration is less than 5-10mm the application method should be altered or the stone dried out to reduce the likelihood any possible moisture barrier, preventing the ingress of the treatment.



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DIRECTIONS

SURFACE PREPARATION:

It is essential to understand that SATINSEAL will not bridge cracks and if this is required cracks larger than 0.3mm (1/64 inch in the old money) should be filled.

The surface should be clean and dry prior to commencement of the treatment. For new concrete this may mean 28 days from placement, or if the drying conditions are appropriate as little as 7 days.

If applied too early, the sealer may whiten, and penetration protection compromised due to the sealer's inability to displace water in the substrate.

NOTE: The adhesive used to adhere the tiles/stone in place must be a cement based and not a resin system.

The use of acrylic or urethane adhesives is limited in that the carrier solvent may contribute to failure of the adhesive if subject to extended contact periods.

APPLICATION

Before commencing shake the drum to ensure no separation of the resin has occurred. Good technique is a "must" for good results.

The substrate to be treated should be flooded using a low-pressure spray only (an airless spray or compressed air sprayer operating with no air pressure at the gun tip.)

High-pressure sprays should be avoided as this dilutes the amount of product used and reduces the amount of material on the substrate, reducing efficiency and efficacy of the treatment.

At least 6 hours rain free drying time is required after application.

CLEAN UP

Equipment should be washed in xylene, toluene, or similar solvent, prior to it drying curing.

SERVICE LIFE

SATINSEAL, if correctly applied, will possess hydrophobic properties for up to 10 years, while the 'wet-look' nature of the product may fade in time; however the serviceability will be dependent on the type of substrate treated and the environment in which it is placed, so a 'carte blanche' guarantee/ warrantee cannot be undertaken.

FIRST AID, SAFETY & STORAGE

Refer to Material Safety Data sheet.

PACKS

1L, 4L, 20L & 200L

SATIN SEAL - PDS July 2020

This Product Data Sheet (PDS) summarises our best knowledge of the product, including how to use and apply the product based on the information available at the time. You should read this PDS carefully and consider the information in the context of how the product will be used, including in conjunction with any other product and the type of surfaces to, and the manner in which, the product will be applied. Our responsibility for products sold is subject to our standard terms and conditions of sale. Chemical House does not accept any liability either directly or indirectly for any losses suffered in connection with the use or application of the product whether in accordance with any advice, specification, recommendation, or information given by it.

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