

HYDRA-Seal

Product Description

HYDRA-Seal is a ready to apply, water based penetrating silicate sealer for concrete and limestone substrates that provides superior water repellence and surface protection properties.

Key Advantages

Provides superior water repellence and resistance to water-based staining
Reduces efflorescence and chloride ion ingress
High wear resistance, long life
UV stable
Non-film forming, allows breathability
Fungal and algal resistance
Does not alter the substrates appearance
Does not peel or blister
Can be applied to a damp/wet surface
Water based, solvent free, VOC free & environmentally friendly
Suitable on both horizontal and vertical surfaces
Can be spray applied

RECOMMENDED SUBSTRATES

Porous limestone building materials Sandstone Manufactures substrates Bricks Mortar
Non-decorative concrete

TYPICAL APPEARANCE

Appearance:	Clear, colourless liquid
Odour:	None
pH:	11-12
Solubility in Water:	Complete
Specific Gravity:	~1 g/mL @ 20°C
Expected Coverage:	2-8 m ² /L depending on substrate porosity
Shelf life:	2 years in unopened container stored under 25°C



APPLICATION

Read the product information before application.

The surface to be treated should be clean and free of all contaminants.

The surface can be damp or wet, however HYDRA- Seal should not be applied to a surface that has pools of water. The pools should be removed using a broom or cloth prior to application.

Do not apply if rain is expected within 24 hours of application.

Do not apply if extreme weather conditions are expected.

Do not apply if surface temperatures are above 30°C.

HYDRA-Seal is ready to apply and should be mixed well before using. A test prior to application must be performed to assess the suitability of the product.

The surface should be impregnated to saturation point in a single application. A second coat is not recommended and may lead to the development of white stains.

Do not allow pooling of sealer. Excess sealer must be removed before drying. Risk of white stains in case of excess. Pools can be spread out using a soft bristled broom.

HYDRA- Seal is alkaline and may damage other surfaces. Any overspray on adjacent surfaces such as glass, metal or painted surfaces should be wiped clean with a damp rag before the sealer dries.

Full curing may take up to 3 days. Avoid traffic for at least 24 hours.

IMPORTANT NOTES

HYDRA- Seal is a penetrating sealer. It bonds with substrate capillary surfaces providing superior water repellent properties. The capillaries however, remain open therefore prolonged contact of water-based stains increases the likelihood of staining. It is strongly recommended that stains should be cleaned as soon as possible to avoid possible permanency. Ease of cleaning is greatly increased with HYDRA-Seal treatment. The sealer will not prevent surface etching or wearing.

A slight surface darkening may occur on some substrates

PERSONAL SAFETY

HYDRA- Seal is an alkaline, corrosive, hazardous material. Causes serious burns and eye damage. Avoid breathing mists/spray. Wear protective gloves/eye protection/face protection.

FIRST AID: If swallowed do not induce vomiting – seek medical attention. If in eyes, hold eyes open and flood with water for at least 15 min and immediately seek medical attention. If

skin contact occurs, remove contaminated clothing and wash affected area with water.

Consult the safety data sheet for use and handling recommendations.

KEEP OUT OF REACH OF CHILDREN.

For advice call the Poisons Information Centre on 131126.

DISCLAIMER

The information given in this data sheet is correct to the best of ECOTOTAL's knowledge.

Given the storage, handling and application of this material is controlled by the end user,

ECOTOTAL is only responsible for the quality of the product at the time of dispatch.

It is the responsibility of the end user to determine the suitability of this material for any particular application.

