



Stain Shield

Premium Impregnating Stone Sealer

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Technical Information and Application Guide

Technical Information – Stain Shield

Description

Superior Water Based Stone & Masonry Impregnator Sealer

Tile Rite Stain Shield is a solvent free water based impregnator that penetrates into the surface of the porous stone to protect against oil and water based stains.

Tile Rite Stain Shield can be applied to grout, travertine, tumbled marble, pavers, limestone, slate, quarry tiles, sandstone & all types of masonry surfaces. This product has excellent UV resistant and does not yellow.

Suitable for Internal & External applications.

Field of Use

Field of Use:

For invisible protection against staining, aiding easier cleaning and maintenance of all porous natural stone surfaces.

Perfect for use on wall and floor surfaces in the kitchen and bathroom, suitable to use on table tops, window sills and other sensitive stone surfaces.

Please Note:

Although the impregnation process protects against oil and water based staining. Marble and limestone surfaces will remain sensitive to etching from citrus and acid based spillages.

Storage

Storage:

Ideal storage is closed, dry and frost free conditions. Shelf life 5 years, open containers should be used up without delay.

Safety

Safety:

No health concerns once dry.

Please keep out of reach for children.

Packaging

1 Litre bottles with childproof cap (12 per carton)

5 Litre bottles with childproof cap (4 per carton)

Properties

Tile Rite Stain Shield is an innovative water based impregnator developed to eliminate the need for more than one coat application to porous natural stone surfaces. The unique Technology used in this formula is designed to bond the impregnator resins strongly and permanently to the micro-pores inside the porous stone. This technology allows for excellent penetration and exceptional stain protection whilst allowing moisture vapour transmission within the natural stone whether used internally or externally. Durability: up to 15 years dependant on the type of surface and use of the treated material, reseal as necessary. It is advised to avoid common off-the-shelf household cleaning products, as these can contain harmful caustics and bleaches, which in turn will affect the performance and longevity of the Tile Rite product. For regular cleaning and maintenance, it is recommended that Tile Rite Easy Clean pH neutral cleaner is used.

Directions for Use

- 1) Make sure surface area is completely clean and dry before application.
- 2) Shake product well and apply the sealer generously until saturation of the stone surface. Allow the sealer to stay wet and in contact with the stone surface for at least 10-15 seconds. The sealer can be applied with a low pressure sprayer, natural fibre brush, roller, sponge or paint pad.
- 3) After approximately 10-15 minutes of application, remove any sealer visible on the surface by wiping completely dry with absorbent cloth or towel. If any sealer residue is left on the stone surface wipe clean with a cloth dampened with the sealer.

- 4) Always allow a minimum of 6 hours drying time before the commencement of grouting, it is recommended that a small test area is done first to check against staining especially when using coloured or polymer modified grouts.

IMPORTANT: The surface must retain its natural look after treatment; any excess sealer left to dry on the surface will be very difficult to remove and form as an unsightly patchy finish.

Drying Time:

Surface drying time is approximately 20 minutes. Treatment is cured and fully effective after 48 hours. Application Temperature: The temperature of the surface to be treated should not be under 10°C and not over 25°C. Always turn off floor heating systems prior to application.

Coverage: Up to 25m² per litre, this is dependant on porosity of surface. Check the surface after application to ensure full effectiveness of impregnator. In the very rare event of very porous stones it may be necessary to apply a second coat to achieve the desired maximum protection.



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Instructions

Newly Installed Surfaces

Before grouting:

Follow Direction for use,

Always allow a minimum of 6 hours drying time before the commencement of grouting, it is recommended that a small test area is done first to check against staining especially when using coloured or polymer modified grouts.

This pre-treatment will render the surface water repellent and acts as a grout release and greatly facilitates removing cement and grout residues.

Please Note: Most cement residue removers contain acid and are not suitable for use on limestone.

A final test for stain protection should be done, this test is what is known as a drop test, it is a very simple test. All you need to do is drop a spoonful of water on to the surface of the stone. If the water does not penetrate the stone after 5-10 minutes then the floor is fully protected. In the very rare event that the test does not show to be successful then apply a second application to achieve the desired effect.

Important Guidance

Please note that all limestone and marble surfaces are sensitive to acid. Substances such as vinegar, wine, lemon juice, ketchup, bleaches, caustics and acid based cleaners will damage the surface and leave dull spots.

Avoid these substances coming into contact with polished and finely honed surfaces. Also, avoid using scouring pads and other abrasives as they will scratch and damage the surface.

Although Tile Rite Stain Shield aids protection and longevity for the stone against water and oil based staining, it will not offer any protection against any acid, caustic or citrus substances.

Some materials may appear slightly darker after treatment.

If no prior product experience exists or in cases of doubt, we recommend a trial application.

Please Note:

Natural stone comes in a variety of different properties (density, porosity, texture etc.)

One commonality of natural stone is they all need impregnating with an effective protective treatment.

These treatments embellish the stone, guarantee optimal useful properties and ensure the longevity of the natural stone.

Maintaining stone & ceramic floors

Regular maintenance

Use Tile Rite Easy Clean regularly for well maintained surfaces.

Add from 1-8 caps full (20ml) to one bucket of warm clean water.

Wash floor surface with solution until clean, rinse with clean water and allow the floor to dry thoroughly.

Do not walk on the floor surface during drying time.

Other, stubborn types of dirt

Tile Rite Power Strip dissolves organic dirt such as wax, oil, grease, tar, fresh paint, sealants, care product residues, etc.

Field of Use

For removing oily and greasy dirt deposits from solvent resistant surfaces such as natural and engineered stone.