



Slate Seal

Colour Intensifying Stone Sealer

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Technical Information and Application Guide

Technical Information – Slate Seal

Description

High Gloss Topical Protective Coating

Tile Rite Slate Seal is a special product ready to use and contains a combination of high-quality natural waxes and additives. Slate Seal is suitable for topical sealing natural stone such as Slate, Terracotta, Limestone (rough and honed) including Quarry, Victorian tiles, engineered stone, concrete slabs and Sandstone etc. Formulated as a finishing treatment, it is suitable for indoor and outdoor use. Surface appearance looks healthier with the natural colours heightened; the overall appearance is improved through a satin / gloss sheen.

Please Note: Slate Seal is not suitable for polished surfaces.

Field of Use

Field of Use:

For protection against staining, aiding easier cleaning and maintenance of all natural stone surfaces, not including polished marble.

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 topical sealing protects against oil and water based staining. Marble and limestone surfaces may still remain sensitive to etching from citrus and acid based spillages. Avoid spillages of these substances, wipe up instantly.

Suitable for internal & external applications.

Storage

Storage:

Ideal storage is closed, dry and frost free conditions. Shelf life 3 years, open containers should be used up without delay.

Safety

Safety:

No health concerns once dry. Please keep out of reach for children. Protective gloves must be worn at all times while using this product.

Packaging

1 Litre bottles with childproof cap (12 per carton)
5 Litre bottles with childproof cap (4 per carton)

Properties

Universeal Slate Seal forms a protective film coating, which prevents water, dirt and oil from penetrating into the stone. Surfaces maintain their natural colour, although the overall appearance is improved through a satin or gloss sheen finish dependant on how many coats are applied. Rough surfaces become scuff resistant, smoother and therefore easier to clean.

Although Universeal Slate Seal is very durable, it is advised to avoid common off-the-shelf household cleaning products. These products can contain harmful caustics, degreasers and bleaches, which in turn will affect the performance and longevity of Tile Rite Slate Seal. For regular cleaning and maintenance, it is recommended that Tile Rite Easy Clean is used.

Directions for Use

Always check the effectiveness and suitability by testing in an inconspicuous area. The surface to be treated must be clean and completely dry.

Pre-Treatment: All porous surfaces should be impregnated first with a Tile Rite impregnator Such as Stain Shield prior to top coat sealing with Tile Rite Slate Seal. Once surface is fully impregnated and dried, apply a thin and even coat using a roller, lint free cloth or brush. Ensure even distribution by wiping over several times.

Please Note: If care is not taken when applying Slate Seal it is possible that the product can dry with application markings, to avoid this happening apply the product thinly and evenly avoiding brush or roller marks. Two to three coats is generally needed in order to achieve a uniform appearance and desired look.

Allow at least one hours drying time between coats.

Please Note: The more coats applied the shinier the surface will look.

The surface temperature should be between 5°C and 25°C. Do not walk on the surface until it is dry, clean application equipment with warm water straight after use.

Drying Time: Surface drying time is approximately 1-2 hours, fully effective after 24 hours.

Please Note: Cover or protect areas not to be sealed, i.e. wood, glass, PVC, lacquered surfaces, metals etc.

Wipe clean any splashes or spillages immediately with a damp cloth.

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 dependant on porosity of surface. A second or third coat may be necessary to achieve



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Instructions

Newly installed surfaces

Before grouting:

Apply a generous even coat of Tile Rite Slate Seal to the surface of the stone.

Read instructions of the product used regarding drying time before the commencement of grouting.

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.

After grouting, at least one final coat of Slate Seal will need to be applied to the stone.

It is always recommended that you leave the grout at least 8 hours to dry before applying the final coats of Slate Seal.

Once a total of 2-3 coats of Slate Seal have been applied and 8 hours has past, a final test for stain protection can 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 stone surface is fully protected. If the test does not show to be successful then apply further coats until desired affect.

Important Guidance

Please note that all limestone, marble and polished stone surfaces are sensitive to acid etching. 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 Slate Seal 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.

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:

Pre-Treatment: When it is the plan to use a topical sealer, all porous surfaces must be impregnated first with a Tile Rite impregnator prior to topical sealing with Tile Rite Slate Seal.

Please note, it is advised to impregnate with Tile Rite Stain Shield instead of Tile Rite Rapid Dry.

The reason for not be able to use Rapid Dry impregnator is you may find after the impregnation process that the surface of the stone will not allow the application of Slate Seal topical coating.

Tile Rite Slate Seal topical coating will just bead on the surface and an even application will not be achievable.

Due to the fact that natural stones comes in a variety of different properties (density, porosity, texture etc.) this is not an un-common event.

If Rapid Dry is used, unfortunately, a period of time will have to pass before this procedure will become possible. Approximately 2-4 weeks is generally the guidance. After this period of time has passed, it is then advised that the floor is cleaned thoroughly with Tile Rite Easy Clean pr to the application of Slate Seal to avoid sealing in any general dirt or contaminations.

Maintaining stone & ceramic floors

Regular maintenance

Use Tie 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.

For situations of heavier soiling and staining Tile Rite Power Clean is recommended.