



# Stain Shield Enhance

1 Step Colour Enhancing Stone Sealer

Tile Accessories Limited. T/A Tile Rite.  
Unit 2, Phoenix Road, Hawks Green,  
Cannock, Staffordshire. WS11 7LR

Technical Helpline: +44 (0) 844 844 9322

Fax: +44 (0) 1543 500894

Email: sales@tilerite.co.uk

## Technical Information and Application Guide

### Technical Information – Stain Shield Enhance

#### Description

##### Water Based Colour Enhancer

**Stain Shield Enhance** is a low V.O.C penetrating natural stone colour enhancer that seals, protects and enhances grout, stone and masonry surfaces to aid against oil and water-based stains. This unique water based product is a safe low odour eco-friendly formula, suitable for use internally and externally.

**Stain Shield Enhance** can be applied indoors or outdoors to cured grout, masonry, quarry, terracotta, slate, travertine, limestone, sandstone, brick and pre-cast stone

This product is UV resistant and does not yellow. It is not recommended for use on highly polished, glazed/ceramic and non-porous surfaces.

#### Field of Use

**Stain Shield Enhance** increases the stones natural colour and depth, also providing protection against water and oil based staining. This process will aid easier cleaning and maintenance of all 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, limestone and polished stone 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 5years, open containers should be used up without delay.

#### Safety

##### Safety:

No health concerns once dry. **Please keep out of reach of 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 Enhance** penetrates into absorbent natural stone surfaces and fills the micro pores and capillaries with an invisible film of polymers. This process increases the natural colours of the stone and changes the surface tension of the stone, creating a repelling effect.

Once dry this treatment prevents the immediate penetration of water based dirt, oil and grease.

**Tile Rite Stain Shield Enhance** also provides an effective protection against staining.

Durability and longevity is dependent on the type of surface and use of the treated material. 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 Products. For regular cleaning and maintenance, it is recommended that Tile Rite Easy Clean is used. For situations that more aggressive cleaning is needed, Tile rite Power Clean is recommended.

#### Directions for Use

Always check the effectiveness and suitability by testing in an inconspicuous area. Apply liberally and evenly using a sprayer, roller, lint free cloth or brush. Ensure even distribution by wiping over several times. Ensure that all surface residues is removed within 15- 20 minutes, do not allow any residues to dry on the surface. It is advised at least two coats is applied to achieve the desired effect and protection. It is recommended that the second coat is applied in the opposite direction to the first, by doing this it will allow for even colour and protection.

**Drying Time:** Surface drying time is approximately 45-60 minutes. Treatment is cured and fully effective after 24 hours. It is advised not to cover the surface or allow any spillages or water on the area within the first 24 hours.

**Important: Tile Rite Stain Shield Enhance** is very difficult to remove once hardened. Therefore, please read instructions carefully.

**Please Note:** Immediately remove splashes on wood, glass, PVC, lacquered surfaces, etc. with a damp cloth.

**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 40m<sup>2</sup> per litre / coat, this is dependent on porosity of surface. Check the surface after application to ensure full effectiveness of impregnator.

Allow at least 45-60 minutes from application of previous coat before applying further coats. It is very important that the liquid product penetrates into the stone. It is always recommended that a small test area is completed to make the product is suitable for the purpose.



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#### Instructions

##### Newly installed surfaces

##### Before grouting:

Apply an even coat of **Tile Rite Stain Shield Enhance** to the dry surface and edges of the stone.

Allow at least 6 hours 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 most natural stone surfaces.

After grouting, at least one final coat of **Stain Shield Enhance** must be applied. Please make sure the stone and grout is completely dry before applying any final coatings.

It is strongly recommended that you leave the grout at least 12 hours to dry before applying the final coats of impregnator.

**Please Note:** The surface must retain a matt finish after treatment. Any excess left on the surface could oxidise to form an unsightly gloss varnish.

For stronger colour enhancement, also in the case of more absorbent surfaces, further coats may need to be applied. Once at least 2-3 coats of **Stain Shield Enhance** have been applied and at least 24 hours has past since the last application, 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 into 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 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 Enhance** aids natural beauty and protection for the stone against water and oil based staining; it will not offer any protection against any acid, caustic or citrus substances.

#### 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.

The majority of stone materials will appear darker after an application of **Stain Shield Enhance**.

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

#### 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,