



Technical Information and Application Guide

Technical Information – Stone Foam

Description

Water Based Colour Enhancer

Universal Stone Foam Colour Enhancer and Impregnator penetrating foam is a low V.O.C. natural stone colour enhancer that seals and penetrates and enhances grout, stone and masonry surfaces to protect against oil and water-based stains. This no mess foam formula clings to vertical surfaces providing accurate, non-streak coverage.

Universal Stone Foam 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

Field of Use:

Stone Foam 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

442ml/15 oz. (425 g) Aerosol Cans
(12 per carton)

Properties

Universal Stone Foam Colour Enhancer penetrates into absorbent natural stone surfaces and fills the nano 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. Stone Foam also provides an effective protection against staining.

Durability: up to 15 years dependant 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 Universal Products. For regular cleaning and maintenance, it is recommended that Universal Easy Clean is used. For situations that more aggressive cleaning is needed, Universal Extreme Clean is recommended.

Directions for Use

Always check the effectiveness and suitability by testing in an inconspicuous area. Apply generously and evenly using a roller, lint free cloth or brush. Ensure even distribution by wiping over several times. Ensure that all surface residues is removed within 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: Universal Stone Foam Colour Enhancer 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 15m² per aerosol, this is dependant 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.

Please Note: Non-absorbent surfaces cannot be impregnated. Glass, ceramics, wood, metals and other surfaces sensitive to solvents must be protected against splashes.

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Instructions

Newly installed surfaces

Before grouting:

Apply a generous even coat of Universeal Stone Foam to the dry surface and edges of the stone.

Allow at least 24 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. Universeal Grout Film Remover is safe to use on natural stone surfaces, to help remove grout residues easier, use a white cleaning pad.

After grouting, at least one final coat of Stone Foam 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 Stone Foam 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 Stone Foam 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 Stone Foam.

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

Maintaining stone & ceramic floors

Regular maintenance

Use Universeal Easy Clean or Stone Cleaner 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

Universeal Pro-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,

