



## Technical Information and Application Guide

### Technical Information – Rapid All-in-1

#### Description

##### Rapid Drying Stone & Tile Impregnator

Universeal Rapid All-in-1 impregnator & Sealer is a VOC compliant solvent-based sealer that can be applied to all types of stone immediately after installation, leaving no hard-to-remove residue and drying rapid & invisible. It penetrates to protect all types of natural stone, travertine, terracotta, limestone, marble, granite, sandstone and many other product types against oil and water-based stains.

The unique formula of Universeal Rapid All-in-1 may be applied to damp stone and grout immediately after installation. No waiting around, saving time & money with this unique **Micromesh Technology** formula.

#### Field of Use

##### Field of Use:

For invisible protection against staining, aiding easier cleaning and maintenance of all natural stone surfaces, 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 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 5years, 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

600ml Aerosol cans  
1 Litre tins with childproof cap (12 per carton)  
1 U.S Gallon (3.75ltr) tins with childproof cap (4 per carton)

#### Properties

Universeal Rapid All-in-1 impregnator penetrates into absorbent natural stone surfaces and fills the nano pores and capillaries with an invisible film of polymers. This process alters the surface tension of the surface, creating a repelling effect.

This treatment prevents the immediate penetration of water based dirt, oil and grease. Rapid All-in-1 also provides an effective protection against staining.

Durability: up to 20 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 Universeal Product. For regular cleaning and maintenance, it is recommended that Universeal Easy Clean is used. For situations that more aggressive cleaning is needed, Universeal 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 are removed within 20 minutes, do not allow any residues to dry on the surface. Highly absorbent surfaces will need several coats to be applied.

##### Drying Time:

Surface drying time is approximately 30-40 minutes. Treatment is cured and fully effective after 24 hours. It is advised not to cover the surface area within the first 24 hours, always wipe up any spills immediately within this timing.

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

Clean application tools with water after use.

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 30m<sup>2</sup> per litre**, this is dependant on porosity of surface. Check the surface after application to ensure full effectiveness of impregnator. Apply a second or third coat if necessary. It is very important that the liquid product penetrates into the stone. Do not allow the product to dry on hard on the stones surface.

**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 Rapid All-in-1 to the surface and edges of the stone.

Allow at least 30 minutes 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. 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 Rapid All-in-1 needs to be applied to the stone. Although Rapid All-in-1 can be applied to damp stone and grout, care must be taken when applying to un-cured grout.

Extra care needs to be taken when applying the liquid to un-cured grouting. Damage can be easily caused by scaring or scuffing the surface of the grout.

It is always recommended that you leave the grout at least 2 hours to dry before applying the final coat of impregnator. Once a total of 2-3 coats of impregnator have been applied and 24 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 Rapid All-in-1 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.

#### 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 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,

