

STONEPLUS

WATER- AND OIL-REPELLENT PROTECTIVE AGENT WITH REVIVING EFFECT

A stain-proofing enhancing sealer for polished and unpolished surfaces.



CHARACTERISTICS AND ADVANTAGES

- Enhances the natural colour of materials
- Solvent-based water and oil repellent sealer
- Breathable and does not create a surface film
- Does not yellow
- Suitable for interior and exterior use



MATERIALS

STONE AND AGGLOMERATES, MARBLE, GRANITE



FIELDS OF APPLICATION

- For reviving and protecting surface coverings such as kitchen worktops, bathroom tops and tables.
- Treatment of marble, granite, natural stone and agglomerate floors to enhance their colour and protect them from stains.
- Particularly suited to surfaces made of stone such as porphyry, slate, basalt, granite, and marble such as Verona Red, Marquina Black, Green Alps, Walnut Travertine.
- Suitable for treating various types of cement and resin agglomerates.
- Perfect for restoring surfaces with a dull and worn appearance.
- For enhancing the veins of natural stone surfaces, in particular with antiqued, brushed, sand-blasted, flamed, bush-hammered finish, etc.
- Ideal for agglomerates.



INSTRUCTIONS

No dilution required: Ready to use.

Application:

Apply **STONEPLUS** on dry and clean material using a brush or other appropriate tool.

During application, rub the surface with a cloth to aid the product's penetration and remove any excess product completely.

The surface can be walked on after 12 hours.

To improve colour revival, apply several coats of the product with an interval of at least 8 hours in between.

Maintenance: diluted solution of **CLEANER PRO**.



WARNINGS

*Once treated with **STONEPLUS**, the stone cannot be restored to its original condition. Before treating the surface, carry out a spot test to check the final colour.*

On certain materials laid outdoors, it is advisable to repeat the treatment every year to optimally preserve the reviving effect.

Does not protect against acid aggression.

Do not apply the product if rain is expected.

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TOOLS FOR APPLICATION



PAINTBRUSH



FLAT BRUSH



WAX APPLICATOR



MICROFIBRE CLOTH

The tools can be cleaned with de-aromatised white spirit

TECHNICAL SPECIFICATION

Protective agent with matt reviving effect containing silicon compounds suspended in de-aromatised hydrocarbon solvent (density: 0.862 kg/l), does not form a surface film, exerts a reviving and tone-enhancing action on stone, marble and granite surfaces with a polished or dull finish. Suitable for horizontal or vertical surfaces, both indoors and outdoors. **WATER AND OIL REPELLENT ACTION. ANTI-FOULING ACTION. MATT REVIVING ACTION.** It does not form a surface film, resists UV radiation, does not yellow and ensures lasting protection over time (as per the **ASTM G154** standard), is breathable (as per the **EN ISO 7783-2** standard), does not alter the material's degree of gloss (as per the **ASTM D523-08** standard) and is suitable for contact with foodstuffs. Manufactured by an **ISO 9001** and **ISO 14001**-certified company.



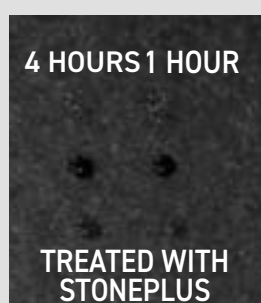
TECHNICAL TESTS

Stain-proofing action verified according to **UNI EN 16301 - Determination of sensitivity to accidental staining.**

	UNTREATED				TREATED WITH STONEPLUS			
	OIL		COFFEE		OIL		COFFEE	
	1 HOUR	4 HOURS	1 HOUR	4 HOURS	1 HOUR	4 HOURS	1 HOUR	4 HOURS
Unfinished marble, sand-blasted	4	4	2	3	1	1	1	2
Granite	4	4	1	2	1	1	1	1

The stain was removed using neutral detergent and a cloth.

IN CONTACT WITH STAINING AGENTS



AFTER THE REMOVAL OF STAINING AGENTS



Test carried out on brushed Zimbabwe Black Granite.

Water-repellent effect by measuring the contact angle according to **UNI EN 15802 - Determination of static contact angle.** Conventionally, a surface is hydrophobic when $\theta > 90^\circ$. W68 on an unpolished surface reaches angles greater than 130° .

Breathability verified according to **ASTM E96M - Water vapour permeability of materials.** The treatment with **STONEPLUS** maintains breathability above 90% compared to the untreated material.

Withstands **UV radiation, does not yellow.** Ageing accelerated through exposure to UV radiation as per ASTM G154. Colour variation assessed according to **UNI EN 15886:2010 - Colour measurement of surfaces.**

Does not alter the surface's original coefficient of friction. Measurement of the dynamic friction of a brushed Zimbabwe Black Granite surface using a friction tester (BCRA method):

1 no change	2 slight change	3 moderate change	4 strong change

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MEASUREMENT CONDITIONS	SECTOR	COEFFICIENT OF FRICTION	INTERPRETATION
Measurement on dry surface	Untreated	$\mu = 0.41$	Satisfactory friction
	STONEPLUS	$\mu = 0.41$	Satisfactory friction
Measurement on wet surface	Untreated	$\mu = 0.56$	Satisfactory friction
	STONEPLUS	$\mu = 0.56$	Satisfactory friction

HOW IT WORKS

STONEPLUS is a protective agent that penetrates deeply into the material and binds with it chemically, enhancing the material's colour thanks to the high concentration of active ingredients. Its formulation and the specified application method prevent the product from forming any film or layer on the surface that alter the materials' aesthetic and functional characteristics. Stain-proofing action.



TECHNICAL FEATURES

COMPOSITION	Formulated with silicon compounds dispersed in de-aromatised hydrocarbon solvent
APPEARANCE	Transparent liquid
ODOUR	Solvent
DENSITY	0.862 kg/l
STORAGE TEMPERATURE	From 0°C to 30°C
APPLICATION TEMPERATURE	From 5°C to 30°C
DRYING TIME*	12 hours
CURING TIME*	24 hours
VOC (Volatile Organic Compounds) (Directive 1999/13/EC)	638.69 g/l

COVERAGE (1 litre)	
POLISHED STONE	30-50 m ²
UNTREATED STONE	15-25 m ²

Coverage is indicative and refers to a single coat

*Indicative time that varies depending on the environmental conditions and on the material

Packaging

375 ml: 12-piece cartons.

1 litre: 6-piece cartons.

5 litres: 4-piece cartons.

Available on request:

200-litre drums



SAFETY TIPS

Keep out of reach of children. Do not disperse into the environment after use. The product is classified as dangerous under Regulation 1272/2008 (CLP) and subsequent amendments and supplements.

For safety-related information, please refer to the safety information sheet available on the website www.filasolutions.com and carefully read the product's label.



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The recommended instructions and application procedures for our products are the result of accurate tests carried out in our laboratory. There are, however, certain factors that we cannot predict: the condition of the surface before the treatment, particularly rare or unspecified properties/finishes of the material, environmental conditions, and the professionalism of the user. This is why we recommend carrying out a preliminary test on the surface to be treated. FILA always guarantees the quality of its products, but it cannot assume any responsibility in the event of incorrect use.