

# SMARTROCK

Odorless water repellent solvent based - Suitable for natural stones or walling substrates

## NATURE AND USE

Product studied for the protection of façade or natural stone substrates, marble, bricks. Suitable also on cement and cement plaster of buildings, palaces or monuments.

The product is not film forming; it impregnates the substrate without modifying the natural appearance and it maintains the property of breathability to vapors assuring its total water repellency.

To get a long lasting and effective action over time, apply at least two/three coats.

## TECHNICAL DATA



Type of Binder:	Special resins in odorless solvent solutions
Appearance of the product:.	Colourless liquid slightly opalescent
Specific Gravity:	Kg/l 0,85 ± 0,10 @ +20°C
Appearance of the applied film:	Transparent
Colour:	Colourless

## SUBSTRATE PREPARATION

**Marble, natural stone, bricks, Grès, cement plaster, concrete, etc.:** Perfectly dry, clean and brushed, free from detaching oils or silicone. Mildew or algae if present should be reclaimed using specific products.

**Important:** Before starting any application, it is necessary to test the application on a small hidden area of the substrate to treat, to verify the perfect compatibility of the product to the substrate itself.

## APPLICATION DETAILS

Application Method:	Conventional Spray at low pressure Roller, Brush
Thinning:	% Ready to use
Cleaning:	Thinner SINT 77
Drying @ +25°C and R.H. ≤ 50%:	Touch dry 3-4 hours Water repellence after 16-24 hours
Overcoating @ +20°C:	The product is Overcoating only by itself up to rejection that is after complete impregnation of the porous conglomerate under treatment, respecting the absorption time of Smartrock product by the substrate. After Smartrock treatment, the substrate shall not be overcoated for a long time with any type of product, due to high repellence of the product.
Application Ambient Temperature:	Between +5°C and +35°C
Suggested Temperature of the product:	+20 ÷ +30°C
Substrate Temperature:	+5 / +40°C always at least +3/5°C above dew point
Relative Humidity:	≤ 80%
Thickness:	Unquantifiable
Theoretical spreading rate:	sqm/l 15 per coat

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The content of the present technical data sheet is the most complete currently available, based on practical experience and given in good faith. Should any change be necessary, the present data sheet will be updated without prior notice. The applying conditions of use differ according to environmental conditions and subjective application factors outside the control of the Company. The user shall determine the suitability of the product for the intended use under his own risk and responsibility. No warranty is impressed or implied. The Company refuses all liability not directly related with defects of the product or consequent to deviations from written instructions.



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Azienda con sistema di gestione qualità UNI EN ISO 9001:2015 certificato da CISQ/Certiquality - Certificato Nro 2134

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## HANDLING

## STORAGE AND

## SAFETY

## PRECAUTIONS

**Warning:** All handling and/or use activities of the product must strictly refer to the given indications in the Safety Data Sheet. The following advices are suggested by the common sense and in good faith, they are uncompleted and do not substitute the content of the specific safety data sheet of the product.

**Handling:** The material must be used only by professional and qualified applicators suitably trained. All the operations involving the use of the product, must be carried on in compliance with all the relevant National Health, Safety & Environmental Standards and Regulations.

**Precautions:** When the product is used inside enclosed areas ( i.e rooms, containers, vessels) it is imperative to provide the necessary air circulation using adequate means and must be granted during the whole time required by application and coating polymerization, to avoid conditions open to potential explosion danger.

All electrical installations must always be grounded. Where explosion hazards exist, the workmen should be required to use only non-ferrous tools and wear conductive non-sparking shoes and clothing. Explosion and flame-proof equipment too are imperative.

**Storage and transport:** Keep far from flames, sparks or heat sources. Do not leave exposed under the direct solar action. Store under shelter in original unopened packaging, in cool, dry and ventilated areas, at ambient temperatures between +5°C and +35°C.

**Shelf life:** 12 months in the suggested storage conditions (original unopened packaging)

N.B.: **Product for professional use only and exclusively for the uses not regulated under CE Directive 2004/42/CE.**

Refer to Material Safety Data Sheet

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