

Technical Bulletin

“SUPER SEAL” WATER & OIL REPELLENT

Stone Impregnating agent matte finish

Description:

Clear impregnating agent for protection of buildings and stones against penetration of water, oils, grease and humidity. Optimal performances on polished material, it lets the stone breath; does not allowed the efflorescence to exit from the stone, it penetrates deeply into the stone, does not change the original colour of the treated stone; does not make any films but catalyzes into the stone giving a very good protection. Tests carried out in laboratories demonstrate resistance to UV rays. The stone treated does not change its colour after long exposure to UV rays. **SUPERSEAL** is perfectly invisible and does not give a wet look or shine, to the treated material, but maintains the original aspect of the stone. It prevents formation of mildew.

Technical Characteristics:

Appearance	liquid
Color	Clear transparent
Odor	Characteristic of solvent
Specific gravity at 20°C (68° F)	0,800 ± 0,02
Hydro-solubility	Not soluble
pH	n.a.
Viscosity at 20° C (68° F)	12" Ford cup
UV Resistance:	
Long wave 365 nm	Excellent (no variation after 48 hours exposure)
Short wave 254 nm	Excellent (no variation after 48 hours exposure)
Shelf life at 20° C (68° F)	12 months in original packing

Instruction for Use:

Surface must be clean and dry; stains, mildew, crusting must be scraped off otherwise it will be harder to remove after protection. Application can be done by brush, by roller or by spray gun. It is suggested, when possible, to apply the product by brush because it allow the product to penetrate well into the stone. Application of **SUPERSEAL** by brush, making pressure, will facilitate penetration into frames and cavities. Is also possible to apply the product by airless spray gun; in this case fill the tank with the product and spray at distance of 20-25 cm. Let the product dry naturally and the stone will be protected. In case of excess of product, the same can be removed using a cloth impregnated with Idea HP.

Suggestion for Use:

- It is suggested to apply the product till the complete saturation of the stone.
- On very absorbent material it is better to make a second application after one hour from the first.
- Do not dilute the product with any solvent or water, formulation is ready for use
- Material, before treatment, has to be completely dry.
- For small pieces of stone is possible to apply the product by immersion; it is also possible to use a sponge completely damped with **SUPERSEAL** and apply it evenly on the surface.
- Once the material has been treated it is necessary to wait 24 hours for complete polymerization.
- In case of treatment of statues, decorations etc.. pay attention to protect well cavities and corners.
- Read carefully recommendations printed on the tin before use.

All data indicated in this leaflet are the results of tests and experiments carried out in our laboratories and through reliable operators in the stone business and have to be considered reliable. Because of the many factors which can influence them, the information here reported do not constitute implicit or formal guarantees. The end user undertakes the responsibility in the usage of the product making sure to experiment the product characteristic as preventive measure.

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Application on surfaces:

Marble, granite, terrazzo, engineered stones, sandstone, limestone, concrete.

Safety procedures:

As far as the proper working procedures is concerned, we recommend to consult [Material Safety Data Sheets](#) issued according to E.U. rules and to follow your national laws concerning safety in the working place.

Coverage:

For protection of marble and granite polished or grinded after grid 800, with 1 liter (1,05 quart) of product is possible to treat 30/40 sqm (320/430 sq.ft.) In case of calcareous stone, limestone, sand stone, concrete polished or grinded after grid 800 with 1 litre (1,05 quart) of product, it is possible to treat 10/15 sqm (110/170 sq.ft.).

Packing:

Carton: 12 tins of 1 litre (1,05 quart), 4 tins of 5 litres (1,32 gal) , 1 drum of 30 litres (7,93 gal)

The composition of the tins is Steel (ACC) after use have to comply with the local and national regulations currently in force regarding recycling.

Our packing is conformed as per U.N. rules for inland transport (A.D.R.) and by sea (I.M.O.) for transportation via air refer to updated rules (I.A.T.A.). For further information regarding transport please check MSDS.

Harmonized Custom Tariff:

3910.0000

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