

Technical Bulletin

“IDEA DARK” WATER REPELLENT FOR MARBLE & GRANITE

Stone Impregnating enhancer with extra darkening action

Rev. 10-2010 ARB

Description:

Ready to use impregnating coating agent, solvent based, containing siloxane reagents, ideal for protective treatment of natural stones.

Product for treatment of both shiny and rough surfaces of natural stones, like granite, marble, etc.. Specific for absorbent, dark and black stones, intensifies the natural color of material, can mask scratches, defects and imperfections of dark / black stones.

IDEA DARK has good penetration, does not form a film on the surface of stone and let it breathe. It does not turn yellow, is perfect for treating indoor or outdoor surfaces, it is water and dirt resistant.

Clear impregnating agent for protection of buildings and stones against penetration of water and humidity. Optimal performances on polished material, IDEA DARK lets the stone breathe; does not allow the efflorescence to exit from the stone, it penetrates deeply into the stone, enhancing the colour of dark or black stones, does not make any films but catalyzes into the stone.

Tests carried out in laboratories demonstrate resistance to UV rays. The stone treated does not change its colour after long exposure to UV rays. It prevents formation of mildew.

Technical Characteristics:

Appearance	liquid
Color	Clear transparent
Odor	Characteristic of solvent
Specific gravity at 20°C/68°F	0,81 ± 0,02
Hydro-solubility	Not soluble
Drying time at 20°C/68°F	Around 30 minutes
pH	n.a.
Viscosity at 20°C/68°F	12" Ford cup
UV Resistance:	(UV Lamp Spectronics ENF-260C/FE)
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, dry, without any trace of dirt; stone to be treated must not contain salts (sulfates, chlorides and nitrates) since their presence reduces the absorption. Stains, mildew, crusting must be scraped off otherwise they will be harder to remove after protection.

Apply IDEA DARK without any dilution, using a brush, a cloth, by roller or by spray gun. It is suggested, when possible, to apply the product by brush because it allows the product to penetrate well into the stone. In this case, apply IDEA DARK making a gentle pressure on the brush, in order to facilitate penetration into frames and cavities. Apply necessary quantity up to complete absorption.

After 10/15 minutes, remove excess of product with a absorbing cloth.

Suggestion for Use:

- It is advisable to apply the product till complete saturation of stone.
- On very absorbent material it is better to make a second application after one hour from the first.

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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- 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 IDEA DARK 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 all cavities and corners.
- Read carefully recommendations printed on the tin before use.

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.

Application on surfaces:

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

Coverage:

For protection of marble and granite polished or grinded after grid 800, with 1 litre (1,05 quart) of product is possible to treat 15/20 sqm (160/215 sq.ft.) In case of calcareous stone, limestone, sand stone, concrete polished or grinded with the same finish, yield could be slightly less.

Treatment of absorbing stones, or with a rough finish, could require an higher amount of product, with an indicative coverage of 10 sqm (107 sq.ft.) with one litre (1,05 quart).

Packing:

Carton: 12 tins of 1 litre (1,05 quart), 3 tins of 5 litres (1,32 gal) , 1 drum of 20 litres (5,28 gal)

The composition of the tins is Steel (ACC). After use, 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:

32.08.1010

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