

TECHNICAL DATA SHEET (TDS)

IDEA DARK

ID Product Code 082



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ANTISTAIN DEEP ENHANCER PROTECTIVE AGENT

Stone Impregnating enhancer with extra darkening action.

Product 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 polished or unpolished stones, intensifies the natural color of material, can mask scratches, defects and imperfections of black, green, brown, grey and dark stones in general. 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. IDEA DARK does not allow the efflorescence to exit from the stone, it penetrates deeply, enhancing the color of dark or black stones. Tests carried out in laboratories demonstrate resistance to UV rays. The treated stone does not change its color after long exposure to UV rays. It prevents formation of mildew. It can be used for treatment of quartz-resin agglomerates and gres.

Chemical characteristics:

Appearance	Liquid
Color	Clear transparent
Odor	Characteristic
Specific gravity at 20° C (68° F)	0,85±0,02
Hydro-solubility	Not soluble
pH	N.A.
Drying time at 20°C (68° F)	45-60 minutes*
Complete drying time	8 hours*
U.V. Resistance:	
Long waves 365 nm	Very good (no changes after 24 hours exposure)
Short waves 254 nm	Very good (no changes after 24 hours exposure)
Shelf life at 20°C (68° F)	24 months in original container

* indicative values, depending on the nature of the material and environmental conditions

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.

During application and subsequent drying, temperature of the substrate should be between 10 and 30°C. In case of application on floor with underfloor heating system turn off heating and allow the stone to cool completely.



DISCLAIMER 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 tools



Brush



Roll



Cloth



Mop



Fleece

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Tests & certifications

The product respect **STANDARD UNI 11322** "Stone floor coverings" Instructions for the design, installation and maintenance, in the chapter relating to the MAINTENANCE.

Suggestion for use and recommendations:

- Do not dilute the product with water or other solvents because the preparation is ready for use.
- The material to be treated must be completely dry.
- Once treated, the stone must be left to dry for 12 hours to complete polymerization.
- In the case of treatments for statues, vases or decorative items, pay close attention to cavities.
- Before use carefully read the recommendations printed on the tin
- Make a test before use

Application surfaces

Marble, Granite, Engineered & Artificial stones.

Coverage

For protection of marble and granite polished or grinded after grid 800, with 1 liter (1 quart) of product is possible to treat 15/20 sqm (170/215 sq.ft.) In case of calcareous stone, limestone, sand stone, concrete, with 1 liter of product it is possible to around 10 sqm (110 sq.ft.).

Maintenance of the treated surface

For proper maintenance of the treatment we recommend to carry out periodic washing with our neutral DETERGENT LEM-3 (TDS 020) diluted with water according to the amount of dirt to be removed, without using abrasive tools. The treatment has a variable duration, depending on weather condition it is exposed to and wear of the material. If necessary, it is possible to reapply IDEA DARK above a previous application.

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. MSDS is available on our web site www.bellinzoni.com

Packing

Item N°	Packing	Pcs	Size and weight packaging	Carton per pallet (sea transport)
082CDARK001	1,00 lt (33,82 fl.oz.)	6	cm 36x27x26 – kg 11,50	24
082CDARK005	5,00 lt (1,32 Gal)	2	cm 23x40x26 – kg 9,00	27
082CDARK025	25,00 lt (6,60 Gal)	1	cm 50x32∅ – kg 22,00	16
082CDARK200	200,00 lt (52,80 Gal)	1	cm 90x60∅ – kg 168,00	2



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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.

H.S. Code

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Trademark and Origin of the good

BELLINZONI® is a registered trademark of Bellinzoni company. The law considers a trademark to be a form of property and any misuse can be persecuted by law. Bellinzoni s.r.l. declares that our product IDEA DARK is **MADE IN ITALY**.



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