

TECHNICAL DATA SHEET (TDS)

IDEA GOLD

ID Product Code 083



Pag | 1

ANTISTAIN PROTECTIVE AGENT NATURAL COLOR

Antistain with nanotech formula for marble, granite & stones.

Product 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; IDEA GOLD does not allow the efflorescence to exit from the stone, it penetrates deeply into the stone, does not change the original color of the stone; does not make any films but catalyzes into the stone giving a very good protection. IDEA GOLD, with its innovative formula, has consolidating properties on friable and corroded stones, preventing chalking and transformation of stone in a crumbling mass.

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

Chemical characteristics:

Appearance	Liquid
Color	Clear transparent
Odor	Characteristic
Specific gravity at 20° C (68° F)	0,80±0,05
Hydro-solubility	Not soluble
pH	N.A.
Drying time at 20°C (68° F)	45-60 minutes*
Complete drying time	8 hours*
Complete polymerization time	7 days*
V.O.C. Content	Product complain SCAQMD standard for VOC
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) away from heat, moisture, sunlight	24 months in original container
* indicative values, depending on the nature of the material and environmental conditions	

Instruction for use

Surface must be clean and dry; stains, mildew, crusting must be scraped off otherwise they 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 allows the product to penetrate better into the stone. Application of IDEA GOLD by brush, making pressure, will facilitate penetration into frames and cavities. Continuously repeat the application, without interruption, until the stone has been saturated (the stone does not absorb further product). It is also possible to apply IDEA GOLD using a low pressure spray dispenser, at a 20-25 cm. distance from surface, taking care of remove possible leakages. In case of excess after the application, remove it by rubbing with a cloth soaked in the product and then dab with a dry cloth.

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



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TDS N°
083

TECHNICAL DATA SHEET (TDS)

Suggestion for use and recommendations:

- We recommend applying the product until complete saturation of the stone. Taking care to apply it wet on wet, ie without leaving the first coat to dry, but continuing the application.
- 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 24 hours to complete polymerization. Complete polymerization will be in 7 days.
- 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 and always perform a preliminary test,

Pag | 2

Application surfaces

Marble, Granite, Sandstone, Limestone, Engineered & Artificial stones.

Application tools



Brush



Roll



Fleece



Mop

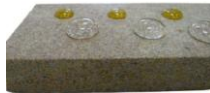


Sprayer

Application examples

PEARL EFFECT

Idea GOLD provides a very good protection with a visible pearl effect.



Tests & certifications

Standard ASTM C97 - IDEA GOLD

Data from the external test report No.2679-2680/12 & 2634-2635/12 (test reports available upon request))



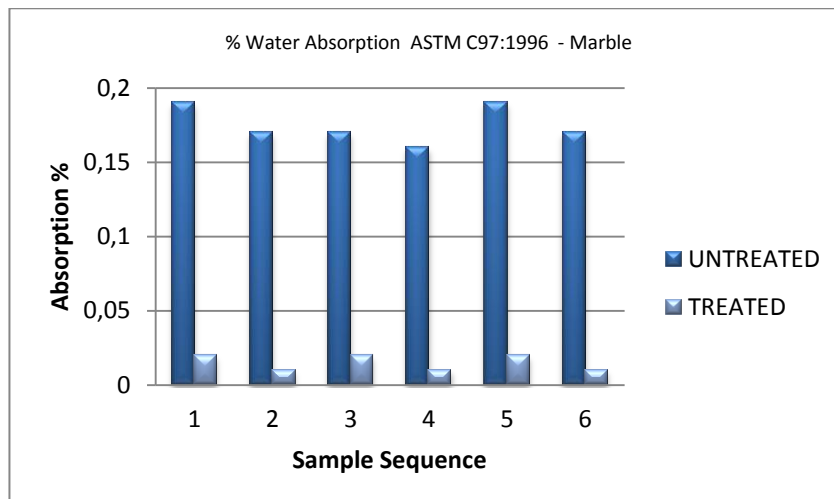
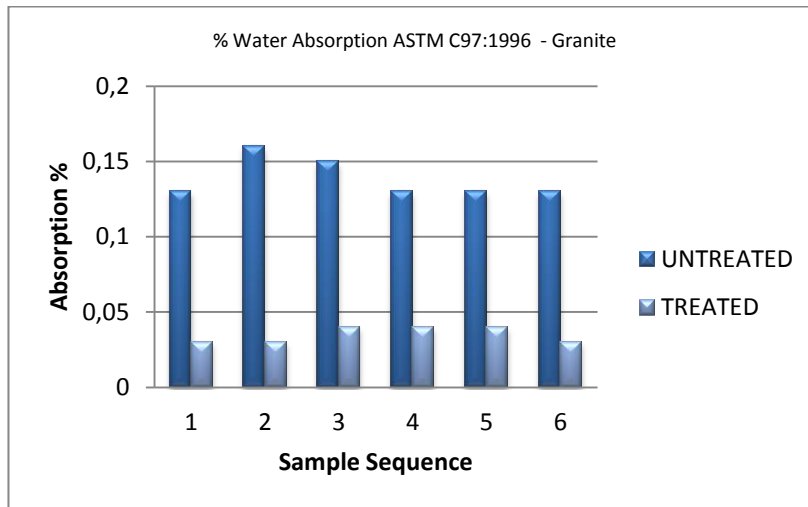
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TDS N°
083

TECHNICAL DATA SHEET (TDS)

Pag | 3



IDEA GOLD COMPLIES FOLLOWING STANDARDS:

ASTM C97: Standard Test Method for absorption and Bulk Specific Gravity of Dimension Stones

EN13919: Determination of resistance to ageing by SO₂ action in presence of humidity (ageing test in external);

EN11322: "Stone floor coverings" Instructions for the design, installation and maintenance.

EN 13501-1:2009: "Fire classification of construction products and building elements"

Expected wear and guarantee



On IDEA GOLD is applicable the **15 YEARS SPECIFIC GUARANTEE** ⁽¹⁾



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TDS N°
083

TECHNICAL DATA SHEET (TDS)

Coverage

For the protection of polished marble and granite, one liter of product can treat 15 to 25 sqm (160/270 sq.ft.), depending on the absorption and degree of finish of the material.

Maintenance of the treated surface

For proper maintenance of the treatment we recommend to carry out periodic washing with our LEM-3 neutral detergent, 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 GOLD 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
083CGOLD0500	500 ml (17 fl.oz.)	12
083CGOLD001	1,00 lt (33,82 fl.oz.)	6
083CGOLD005	5,00 lt (1,32 Gal)	2
083CGOLD030	25,00 lt (6,60 Gal)	1
083CGOLD200	200,00 lt (52,80 Gal)	1

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

32.08.1010

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 GOLD is **MADE IN ITALY**.

Watch video



(1) Check information for specific guarantee



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