

Technical Bulletin

“IDEA GOLD” WATER & OIL REPELLENT FOR MARBLE & GRANITE

Stone Impregnating with high-end performance

Revised 10/11 ARB

Description:

Exceptional antistain product based on nanotechnology formulation, it protects marble and granite stones from a wide range of stains. IDEA GOLD reacts chemically with surfaces of mineral nature and thus has a very prolonged efficacy.

Transparent protective used for maximum protection of all stone surfaces against water penetration, oil, fats and moisture. Protects from action of acid rains and dirt caused by smog. IDEA GOLD works great even on shiny materials, allows the stone to breathe, blocks efflorescence, penetrates deep, does not alter the natural color of treated surface and does not create any film. IDEA GOLD keeps unchanged surfaces of stones, terracotta, concrete, ceramics for long time, and it is suitable also for consolidation and protection of friable and corroded surfaces.

Spectacular "pearl effect": water droplets on treated surface take shape of spheres, which glide away on sloping surfaces or immediately after an airblow.

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
Specific gravity at 20°C (68°F)	0,80 ± 0,02
Hydro-solubility	Not soluble
Superficial drying time at 20°C (68°F)	20 – 30 minutes
Complete drying time at 20°C (68°F)	8 hour
pH	n.a.
Viscosity ISO 3219	45 ± 15 mPa·s

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 they will be harder to remove after protection. Application can be done by brush, cloth, roller or fleece. It is suggested, when possible, to apply the product by brush because it allows the product to penetrate well into the stone.

Application of IDEA GOLD by brush, making pressure, will facilitate penetration into frames and cavities. Let the product dry naturally and the stone will be protected.

On low absorbing surfaces, apply IDEA GOLD and, after some minutes, remove the excess of product using a dry and clean microfiber cloth.

Suggestion for Use:

- Apply IDEA GOLD twice, waiting 1 hour after the first application.
- It is suggested to apply the product till the complete saturation of the stone.
- Do not dilute the product with any solvent or water, formulation is ready for use
- Material, before treatment, has to be completely dry.

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 let dry the excess of IDEA GOLD on the surface: in case of overflowing application, remove it with a cotton or microfiber cloth.
- Protect from rain or humidity for first hours after application.
- In case of application subjected to foot traffic, pay attention to pearl effect that, in case of icing, could turn the surfaces slippery. It is then suggested to apply product at least 60 days before forecasted icing temperatures.
- 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 GOLD 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.

Application on surfaces:

Marble, granite, terrazzo, agglomerated and engineered stones, sandstone, limestone, concrete. Restoration and enhancement works, on inside and outside stone or masonry surfaces. Ideal for protecting walls, brick or concrete walls, stone floors (matte or glossy marble or granite).

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 15/30 sqm (160/320 sq.ft.). In case of not polished marble or granite, calcareous stone, limestone, sandstone, concrete with 1 litre (1,05 quart) of product, it is possible to treat 8/15 sqm (95/170 sq.ft.).

Packing:

Carton: 6 tins of 1 litre (1,05 quart), 2 buckets of 5 litres (1,32 gal), 1 drum of 25 litres (6,6 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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