



GEMS

GLOBAL SOLUTIONS
FOR CHEMICAL
& TOOLS



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ABOUT US

Gems Italia is a company that specializes in the design and manufacture of chemicals, abrasives, and diamond-cutting tools.

Since its establishment, it has focused on the production of tools for processing all types of natural stones, ceramics, quartz and marble composites, and concrete.

Gems Italia operates all over the world. It has built up a strong reputation based on its commitment to safety and reliability and its extraordinary professionalism.

The client is placed at the center of an extensive project, and offered continuous support, with the aim of providing a leading edge service from every point of view.

A QUALIFIED AND PROFESSIONAL EXPERT

Gems Italia also owes its ongoing growth and success to its founder and owner Alessandro Messetti, who has always been a passionate professional.

With over 15 years of experience in the chemicals and abrasives sector, he has made a strong contribution to earning the company global recognition at all levels.

*Thanks to its ongoing active commitment, **Gems Italia** has become a real point of reference in the sector.*



CONTACT US

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OUR PRODUCT CATEGORIES

- **GemsBond**
- **GemsEpoxy**
- **GemsBlade**
- **GemSeal**
- **GemsWax**

I. GEMSBOND



GemsBond is a products line with different mastics for bonding: two-component epoxy, special and polyester.

GemsBond Solid Glue



Mastic for marble, granite, onyx and stone. Once hardened, the product is dry and polishable.

It has good storage stability.

It is easily colored by adding pigments in paste for polyesters or metal oxides.

It is available: Transparent and Colored (White, black, beige, straw yellow and other colors)

Mixing ratio: 1-3%

Gel time at 25 °: 3-4 min

Complete curing at 25°: 30 min

GemsBond X-9010



Transparent vertical epoxy mastic.

Two-component epoxy mastic with high adhesion with properties of high resistance to UV rays and atmospheric agents.



It is suitable for repairing, grouting or puttying marbles, granites, ceramics and artificial ones in general. The product, due to its very low shrinkage and high thixotropy, shows excellent performance in vertical applications and hole filling.

Mixing ratio A:B: 2:1

Gel time at 25 °: 4-6 h

Complete curing at 20°: 8-10 h

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GemsBond Smokin'



GemsBond Smokin' is a two-component, solvent-free, reactive gel resin system. Suitable for gluing white marble thanks to no yellowing in direct sunlight.

Mixing ratio: 1:1
Gel time at 25°: 5-8 min

GemsBond Optimum



Glue specially developed for bonding quartz and ceramic.

Once hardened, the product is dry and polishable. It has good storage stability. It can be easily colored with the addition of uni coloring paste.

Mixing ratio: 1-3%
Gel time at 25 °: 5-10 min
Complete curing at 25°: 20 -25 min

GemsBond Colorant



Available colors: Black, Ocher, Grey, Red, Botticino, Yellow, White, Blue, Beige, Brown and Green

GemsBond 4.0



Two-component epoxy glue pre-dosed automatically thanks to the cartridge where it is packaged.

Part A and part B are located in two separate pipes, using the special nozzle-mixer together with the gun with two pistons, the correct dosage of the components is obtained.

Developed for bonding marble, stone, granite, quartz and ceramic. For external and internal use.

Mixing ratio A:B: 1:1
Gel time at 25 °: 15-20 min
Complete curing at 25°: 35-45 min

GemsBond Optimum Plus



Thanks to its particular formula it remains colorless once hardened, perfect for obtaining impeccable visible gluing.

Suitable for bonding stone, ceramic, stoneware, quartz agglomerate and marble agglomerates.

Mixing ratio: 100 + 3%
Gel time at 25 °: 10-15 min

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II. GEMSEAL



***GemSeal** is a range of protective products for all surfaces.*

They can be applied to floors, coatings, kitchen tops, stairs, bathroom tops, external and internal walls, tables, shelves and any other kind of processed and composite stone.

GemSeal Premium



Stain-resistant, water-repellent, anti-writing, anti-rising, anti-mold and anti-smog.

PREMIUM is applied on floors, walls, kitchen tops, stairs, bathroom tops, external walls, internal walls, tables, shelves and any other type of stone material, agglomerate and worked concrete.

Neutral, non-filming, non-yellowing, transpiring and odorless

Resistant to U.V.A. rays, acid rain, protective against smog, atmospheric dirt, trampling dirt, food stains such as oil, coffee, red wine, tea, etc.

It has limited resistance to acid substances

Prevents the formation of mosses and lichens

GemSeal Hydro

Neutral solvent-based water repellent.

Suitable for the protection of stone and concrete facades and external cladding.

The product is a solution of resins in a solvent, which after drying leave the support neutral and without surface film, transpiring and non-yellowing.

Prevents the absorption of rainwater

It significantly reduces the penetration of dust and dirt

Good resistance to UV rays



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GemSeal Roof



Water-based neutral water repellent stain protection.

It is a product suitable for the protection and consolidation of stone, agglomerate and cement surfaces.

Its formulation is the result of years of experience in the stone surface treatment sector, in addition to maintaining the protective characteristics of solvent-based products, this product, due to its compatibility with water, allows for a significant reduction in intervention times and the related costs

GemSeal Race

Neutral, odorless and colorless solvent-based stain protector.

It has the appearance of a transparent liquid that has a high penetration capacity even in very compact materials such as polished and polished marble, granite, slate, basalt, porphyry and porcelain stoneware. Excellent protection on travertine or similar surfaces



GemSeal Rapid



GemSeal Rapid is a preparation in aqueous solution designed to prevent the ascent of minerals from floors and walls in marble, agglomerate and stones in general. The product must be applied on the back or the side directly in contact with the laying mixes of the tile or slab to be laid.

GemSeal Rapid is compatible with any material used for laying and therefore does not affect the adhesion in any case

GemSeal Flash & GemSeal Flash Plus

It reduces the absorption of stains and at the same time enhances the color of the stone.

GemSeal Flash: *High-performance solvent-based protective and reviving product for indoor and outdoor use.*

GemSeal Flash Plus: *Strong solvent based protective and color enhancer for outdoor / indoor applications.*



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III. GEMSEPOXY



***GemsEpoxy** is the liquid epoxy systems with different viscosities and curing time for resin treating and reinforcing all kinds of natural stone.*

GemsEpoxy Darkness



Stain-resistant, water-repellent, anti-writing, anti-rising, anti-mold and anti-smog.

PREMIUM is applied on floors, walls, kitchen tops, stairs, bathroom tops, external walls, internal walls, tables, shelves and any other type of stone material, agglomerate and worked concrete.

Neutral, non-filming, non-yellowing, transpiring and odorless

Resistant to U.V.A. rays, acid rain, protective against smog, atmospheric dirt, tramplng dirt, food stains such as oil, coffee, red wine, tea, etc.

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GemsEpoxy White Marbles



Two-component epoxy systems with medium viscosity and high reactivity.

Thanks to the low tendency to darken the materials (even of low density) and the high resistance to yellowing, these systems are recommended for the surface treatment of white / light colored marble, granite and natural stone.

Three epoxy systems are proposed according to the type of fracture to be closed on the slabs and / or floors in place.

GemsEpoxy Quartzites and Granite

Two-component epoxy system with high adhesion characterized by medium reactivity and high resistance to yellowing.

Recommended for the treatment of quartzite, marble and granite with even small defects. The system is easy to remove during polishing.

Mixing ratio A:B: 100:35

Gel time at 25°: 50 - 60 min

Complete curing 40°: 3h - 3h30min



GemsEpoxy Colored Marble Resin



Two-component, solvent-free epoxy system with medium viscosity and reactivity.

Thanks to its high UV resistance and high mechanical and adhesion characteristics, recommended for the treatment of all colored marbles even with micro-defects.

Mixing ratio A:B: 100:25

Gel time at 25°: 30 - 40 min

Complete curing at 40°: 1h 40min - 2h

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IV. GEMSWAX

GemsWax is the product line dedicated to the maintenance and polishing of natural stone.



GemsWax Solid



Pasty-looking wax suitable for polishing marble and granite surfaces, agglomerates, natural stones.

The components present in the wax give the treated surfaces an excellent shine.

Thanks to these properties it is possible to eliminate defects due to small cracks or loss of brilliance, obtaining a streak-free brilliance.

GemsWax Liquid

Liquid wax suitable for polishing and protecting surfaces in marble, granite and agglomerate.

Our product is easy to apply, does not cause overlapping problems, does not create thicknesses or even plastic films, polishing can be done with a simple polisher.

YIELD: with a liter of product, from 30 to 50 square meters



GemsWax AutoPolish



Self-polishing varnish particularly suitable for ribs.

It does not yellow, great for corners, edges or where mechanical polishing is very difficult.

Quickly dry.

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V. GEMSBLADE

GemsBlade is the diamond cutting blades with varying diameters for straight or 45-degree cutting of marble, granite, quartz, ceramics/gres, and large ceramic slabs.

The entire GEMSBLADE line helps you improve the cutting speed and increase productivity without diminishing the quality of the finish

Gems Marble Blades



Gems Granite Blades



Gems Ceramic Blades



Gems Large Slab Blades



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