

TECHNICAL DATA SHEET (TDS)

MARMOSIL

Pag | 1

ID Product Code 205

NEUTRAL SILICONE SEALANT

Specific silicone sealant low modulus for marble, granite, stones



Product description:

Professional one component neutral curing silicone sealant. Odorless and not corrosive. Excellent weathering resistance. Its chemical composition is indicated for expansion joints (movement according factor 25% (LM25) as per EU standard), sealing of façades, sanitary ware, washbasin, mirrors, glass in contact with natural stones. The product has a good bond and doesn't need a primer. The formulation does not leave stains on natural stone or porous substrates. It's formulation have been improved with anti mould additive. For indoor and outdoor application.

Chemical characteristics:

Appearance	Tixotropic Paste
Color	See color chart (Transparent, White, Beige RAL 1013-1015, Grey, Black)
Odor	Odorless
Bulk density	1,00 kg/l
Polymerization	Humidity
Application temperature	From +5° C (41°F) to +40° C (104° F)
Thermal resistance	From -40° C (-40°F) to +150° C (302° F)
Open time (Skin time)	15-20 minutes
Tensile strength according to ISO 8339 (N/mm ²)	0,70
Elongation at failure ISO 8339 (%)	≥ 300
Modulus of elongation ISO 8339 at 100% (N/mm ²)	> 0,34
Shore A (23°C and 50% u.r.)	20° ÷ 30°
Resistance to water	Excellent
Resistance to atmospheric agents	Excellent
Resistance to U.V. and solar radiations	Excellent
Resistance to water and household cleaners	Excellent
Resistance to heavy duty cleaners (acids and alkaline)	Good
Resistance to solvents	Medium
Resistance of application	10 years once application is made appropriately
Certification	CE

1213 – BELLINZONI SRL 14 DOP-BE610-14

EN 15651 – 1: F EXT-INT-CC Sealants for facade elements

EN 15651 – 2: G-CC - Sealants for glazing

EN 15651 – 3: S - Sealants for sanitary joints

EN 15651 – 4 :PW-EXT-INT-CC - Sealants for pedestrian walkways

**EU DIRECTIVE 528/2012 The product contain a component biocide
algaeicide and fungicide properties. Mould resistant**

Shelf life 15 months from production date in its original packaging (unopened container) between 5° and 25° C in a cool dry place.



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.



**TDS N°
205**

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Instruction for use

- Clean the surface from dust, oil, grease, release agents, cement or other debris that may prevent good adhesion.
- Apply using a regular caulk gun.
- In the majority of materials no primer is necessary, on some particular case, it would be necessary to use a specific primer (Marmo Prim)

Pag | 2

Application tools

Caulk gun.

Application surfaces

Marble, granite, engineered & artificial stones, ceramic, cement, precast, glass, mirror, steel, aluminum, wood, plywood, fiberglass.

Coverage

Coverage depends to the thickness of the joints:



Joint size (mm)	Consummation per linear meters	Linear meter per cartridge
3x3	20 ml	15
5x5	32 ml	12
6x6	40 ml	7,5
10x10	100 ml	3
20x10	200 ml	1,5

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

Environmental information

MARMOSIL complies SCAQMD for V.O.C. Approved LEED Adhesives and Sealants IEQ Credit 4.1 – V.O.C. CONTENT: < 0,01 g/l

Packing

Cartridges of 300 ml (12 pcs per cartons).

Customs class

3910.00.00

Trademark

 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 MARMOSIL is **MADE IN ITALY**.


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