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Very
High
Durability
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Systems



Certified Quality System since **FEBRUARY 1993**

From Project to Jobsite

TECNOSEAL 03

SILICONE SEALANT

Description Silicone sealant with acidic polymerisation.

- Characteristics**
- High speed of extrusion
 - Solvent free
 - Optimal adhesion to glass, tiles, ceramic, clinker, without the necessity of applying primers first.

Use To seal and fix in industrial or civil applications. Specially advised for the pre-fabrication and glass industry.

Method of use Application mode:

TECNOSEAL 03 will be applied by extruding directly from the cartridge with manual or pneumatic gun. The sides of the joints to be sealed must be cleaned, dry and free from dust, oil, bitumen or other contaminants. By rule, the depth of the joint shall be half of the width.

It is advisable always to create a third side, by inserting a polyethylene sheet to the back of the joint in order to adjust the joint thickness, or to avoid 3 side adhesion of the sealant, which will allow the sealant to accommodate better the movements.

In the case TECNOSEAL 03 has to be applied to very porous, or plastic materials, anodised aluminium or in very special conditions of temperature, pressure, humidity ,...etc , consult the Technical Department.

- Remark**
- The product reacts with the humidity in the air, and thus cannot be used in completely closed areas.
 - The product releases during the hardening about 25 mg/m³ acetic acid. When working for a long period in a closed area, foresee always adequate ventilation.
 - Avoid contact of TECNOSEAL 03 with eyes or mucous membranes. In case of accidental contact, wash immediately and abundantly with clean water.

Packaging/ colours Cartridge of 280 ml, packed per 24 pieces.
Transparent

Storage 12 months in the original an closed packaging, in dry and protected area between + 5°C and + 35°C.



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Technical characteristics (typical values)	• Specific weight	0,95 kg/l
	• Skin formation time	12-15' at +20 °C and 50% R.H.
	• Vulcanisation speed	1-2 m/24 h at +20 °C and 50% R.H.
	• Shrinkage	3,0 %
	• Tensile resistance	1,4 N/mm ² (DIN 53504-S3A)
	• Elongation till break	900 % (DIN 53504-S3A)
	• Modulus of elongation at 100%	0,25 N/mm ² (DIN 53504)
	• Shore A hardness	12 (DIN 53505)
	• Tear resistance	4 N/mm ² (ASTM D624)

Safety indications Read carefully the safety indications on the packaging, or consult the relevant Material Safety Datasheet of this product.

The above data are based on our actual and most experienced practical and laboratory knowledge and the results are collected from application of the product in different situations. Tecnochem Italiana does not assume any responsibility regarding inadequate or negative performance as a result of improper use of the product or for defects deriving from factors or elements other than the quality of the product including improper storage. The technical characteristics and performance mentioned in this datasheet are updated periodically. The revision dates and number of revision of the datasheets are listed in the table below. Eventual variations are traceable on our website www.tecnochem.it where the most updated datasheets can be retrieved.

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