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**Description**

**357** is a monocomponent neutral silicone elastomer, ready to use, and provided with a powerful fungicide agent, specially indicated for sealing joints in propitious media for fungus development.

**357** is easy to extrude by hand or pneumatic pistol, and turns into a soft and resistant joint in contact with air humidity.

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**Particular proprieties**

**357** has been specially designed for use in sanitary domains. Its smooth and bright surface finish allows its presence in sanitary environments.

Excellent resistance to common cleaning products.

**357** adheres without primer to glass, ceramic, crockery, porcelain

Quick installation thanks to its easy extrusion and fast cure.

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**Applications**

**357** allows several applications in sealing and sticking jobs where a high protection vs. rust and mould is required:

- Bath tubes, showers, washbasins, sinks, kitchen furniture, etc.
- Tiling joints, plumbery.
- Refrigerated facilities.

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**Characteristics****1. Non-cured product characteristics**

<b>Type</b>	<i>acid</i>
<b>Density, aprox.</b>	<i>0,97</i>
<b>Tearing resistance</b> (EN 27390, mm, aprox)	<i>1</i>
<b>Extrusion g/min, aprox.</b> (NMRPS 495 <sup>a</sup> 3mm/3Bar)	<i>110</i>
<b>Viscosity</b> (3000N/m <sup>2</sup> a 20°C)	<i>80</i>

**Characteristics****2. Cure**

<b>Skin formation time</b> (23°C, 50% rel. humidity., min., aprox.)	9
<b>Skin over time</b> (23°C, 50% rel. humidity., min., aprox.)	20
<b>Temperatura de aplicación</b>	De +5°C a +40°C (41°F to 105°C aprox)
<b>Cure times</b> (23°C, 50% rel. humidity., min., aprox.)  - mm/1st day, aprox. - mm/3rd day, aprox. - mm/7th day, aprox.	   3 6,5 10

**3. Cured product characteristics**

<b>Shore A hardness</b> (Shore A, ISO 868, aprox.)	20
<b>Maximum work width</b> (% aprox.)	15
<b>Elasticity</b> (EN 27389), %, aprox.	95
<b>Work temperature</b>	-30°C a +120°C (-20°F to 240°F aprox.)

**Mechanical properties - 2 mm-thick film (NF T 46002)**

<b>100% modulus</b> (MPa, aprox.)	0,4
<b>Break resistance</b> (MPa, aprox.)	0,8
<b>Elongation at break</b> (%, aprox.)	450

**Mechanical properties on glass test-plate (EN28339)**

<b>100% modulus</b> (Mpa, aprox.)	0,4
<b>Break resistance</b> (MPa, aprox.)	0,8
<b>Elongation at break</b> (%, aprox.)	180



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**Standards** Fungicide effectiveness has been tested acc. to 846 standard. The product also meets ISO 11600-F12,5 E Standard.

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**Usage indications** **Surface preparation:**  
Surface must be clean, dry, and free of dust, grease or any other substance that may alter the product adherence. Degreasi surface using a solvent wedded scourer, and dry with a clean dry cloth.

**Priming:**  
Folowing primers may be used, when necessary:  
.Steel, ferric metals, rigid plastics..... 12078  
.Concret, stone, wood.....12076

On porous surfaces, primer must be applied using a scourer or a fluffless cloth, in a thin homogeneous coat.

**Joint dimensions:**  
Product specifications and local regulations must be taken into account.

**Product application:**  
After applying back up material if necessary (polypropylene or polyurethane foam), product must be applied up to completely fill the gap. Smoothing of the joint ensures a good contact between the product and the surfaces to stick. Surface smoothing must be done using a putty knife, before skin formation.  
Areas stained with fresh silicone may be clean with a dry o solvent wedded cloth (compatible with the surface material). Cured silicone can be removed by scraping (i.e. with a razor), or also using a special solvent for silicone.

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**Limitations** **357** must not be used with neither materials that may exude cetain emanaions along the time, in contact with a soft plastic tape (such as polyethylene tape), nor directly on materials that may react with acetic acid resulting from the cure process.  
**357** must not be used for aquaria (presence of fungicide!), or joints in immersion.  
**357** must not be applied on materials that may easily lose colour (i.e. marble or granite). In these cases, a suitable primer must be applied previous to the product.

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## ACID SILICONE 357

## Technical Data Sheet nr TC-SIL-002

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<b>Packing</b>	300 ml – cartridges.
<b>Colour range</b>	Translucent, white
<b>Storage and shelf life</b>	Maximum warranted shelf life for the product is 24 months from the date of manufacture (shell by date is printed on the cartridge), provided that the recipient be stored between $-5^{\circ}\text{C}$ and $+50^{\circ}\text{C}$ ( $23^{\circ}\text{F}$ to $120^{\circ}\text{F}$ aprox.), sealed and in vertical position.
<b>Safety</b>	Please consult our Safety Datasheet.

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**Warning:**

Information in this document has been provided in good faith, and is based in the actual state of our knowledge. This information has only an indicative purpose, and it does not therefore mean any engagement from our side, mainly vs. third parties' rights concerning our the use of our products.

The company TECSEAL, S.A. warrants that its products meet all selling specifications.

This document must not replace possible previous test to ensure the suitability of the product in every case.

It is user's responsibility to respect every local regulation, standard or authorisation that might exist.

We invite our products users to check that they have the last updated version of the present document. The company TECSEAL remains at your disposal to provide you with any further information could you need.