



# ULTRA SANITARY SILICONE

DATA SHEET  
02/2021

## DESCRIPCTON:

One part, acetic acid curing, silicone rubber based sealant.  
Contains a fungicide anti-mildew agent.

## PROPERTIES:

Single -component system easy to apply. Reticulates at environmental temperature. When in contact with atmospheric humidity, it becomes a rubber with excellent technical properties and with a high resistance the inclemency of the weather.

## APPLICATIONS:

- Sealing joints between glass and frameworks and joints between frameworks.
- Sealing of shower partitions.
- When, in general, a joint is subjected to high humidity with moderate temperatures.
- DIY (cars, boats, caravans, etc...)

Due to its acid reticulation, **ULTRA SANITARY SILICONE** should not be applied on the following substrates:

- Construction materials such as concrete, masonry (and similar)
- Ferrous metals, copper and brass.
- Rubber, since the sealant may discolour.

For these cases QUILOSA markets a wide range of non-acid sealants.

Note: **ULTRA SANITARY SILICONE** should not be used for aquariums.

## CERTIFICATIONS:

CE Mark: EN 15651-2 G-CC / EN15651-3 S Dop n°:SIB0000179 <http://ce.selena.com/>

## TECHNICAL FEATURES

UNCURED ULTRA SANITARY SILICONE			CURED ULTRA SANITARY SILICONE (4 weeks at 23°C and 55% H.R.)		
Appearance:	Homogeneous creamy paste.		Appearance:	Similar to rubber	
Slump resistance (ISO 7390):	mm.	0	Shore a hardness (ISO 868):		17±2
Tack free (ASTM C-679-71):	Minutes	10-15	Elastic recovery (ISO 7389):	%	98
Skin over time (BS 5889 Ap.A):	Minutes	20-30	Modulus 100% (ISO 37):	MPa.	0,33-0,36
Curing rate at 23°C And 55% h.r.:	mm/day	3-4	Tensile strength (ISO 37):	Mpa.	1,30-1,50
Application Temperature:	°C	+5 to +50	Elongation at break (ISO 37):	%	450-550
			Movement	%	25
			Temperature range in service:	°C	-50 to +150



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## CHEMICAL RESISTANCE:

Water , soapy water, brine:	Excellent.
Inorganic diluted acids and alkalis:	Very good.
Mineral oils and grease:	Very good.
Oil, fuel, hydrocarbons:	Very good.
Other products:	Consult.

## INSTRUCTIONS:

### Treatment of the surfaces:

The surfaces must be clean and dry. If necessary, in addition to mechanical means, cleaning with non-grease solvent such as acetone is recommended. For joints that are to be subjected to major stress, we suggest the use of a primer, appropriate for each type of substrate:

<b>PRIMER C-26:</b>	For metals and some plastics, specially in the technical field.
<b>PRIMER C-27:</b>	For porous materials and general construction use.
<b>PRIMER C-29:</b>	For plasticized or unplasticized PVC, polyacrylates and other plastics.

(See technical data)

With glass and enamels, better results are obtained without primer.

Any material not known to the user in terms of adhesiveness must first be tested by or consulted with our technical department.

### Procedure:

Cut off cap from adapter nipple, screw the nozzle on the cartridge, clip the tip of the nozzle to required opening and insert into caulking gun. Fill in the appropriately treated joint with **ULTRA SANITARY SILICONE**. In order to avoid messing the edges, they may be protected with masking tape. For a better finish, the seal may be smoothed with a spatula.

### Yield:

The following formula is an approximate guideline in order to calculate foreseen yield for a standard cartridge of **ULTRA SANITARY SILICONE**.

$$L = \frac{300}{A \times D}$$

Where:

L = Length of sealant in metres obtained per cartridge of **ULTRA SANITARY SILICONE**.

A= Width of the joint in mm.

D= Depth of the joint in mm.

### Further treatment

**ULTRA SANITARY SILICONE** may not be painted or varnished.

## STORAGE:

Keep in a cool, dry place.

Lifetime: 24 months.

## PRESENTATION:

In 100 cc. Plastic tubes.

In 300 cc. Plastic cartridges

12-tubes / cartridges boxes.

## COLOURS:

Translucent

White

## CLEANING:

Fresh product is easily removed with an organic solvent. When cured it can be removed by mechanical mean only



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## HEALTH & SAFETY:

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While curing **ULTRA SANITARY SILICONE** splits off acetic acid, therefore, the working area should be well ventilated.

Due to possible irritation, all contact of the product with eyes or mucous areas must be avoided. If contact occur, rinse the affected area thoroughly with plenty of water and, if necessary, see a doctor. The rubber obtained after curing can be handled without risk.

Primers used with **ULTRA SANITARY SILICONE** contain solvents flammable at air temperature. Do not smoke or use unprotected flame near the working area. If eyes are splashed, rinse thoroughly with plenty of water, otherwise, see a doctor.

Use gloves, and in case of splashing, wash with industrial detergent when the product is still fresh.

**DO NOT WASH HANDS WITH SOLVENTS.**

*For more information request Safety Data Sheet.*

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