



Trasparente  
Transparent



Bianco  
White  
Blanco  
Blanc



Grigio  
Grey  
Gris



Nero  
Black  
Negro  
Noire



TECHNICAL DATA SHEET  
ID Product Code  
Rev. 01/2020

# ACESIL

## SINGLE-COMPONENT SILICONE SEALANT WITH ACETIC POLYMERIZATION

ACESIL a single-component, acetic-polymerised silicone sealant, particularly suitable for smooth, non-absorbent surfaces and non-porous substrates such as glass and aluminium. ACESIL is suitable for glazing and prefabricated surfaces. It can be used in production, for assembly in the prefabrication phase or directly on site. ACESIL is used to form a flexible and waterproof seal between non-porous substrates such as glass, joint between sanitary ware and ceramic tiles, metals, aluminium. For particular uses (swimming pools) the sealing must necessarily be carried out with a primer. We recommend the use of the PRIMER suitable for this use.

Restrictions: not suitable for building materials that exude oils, solvents or plasticizers. ACESIL should not be used for applications in completely enclosed spaces, as it requires atmospheric humidity to polymerise. It is not recommended to apply it in total immersion in water without special measures (primer) and on surfaces with which the acetic acid released during polymerization can react (e.g. cement, concrete, some metals, mortar, etc.).

### Application surfaces

ACESIL can be used for the gluing of glass and prefabricated buildings. It can be used in production, for assembly in the prefabrication phase or directly on site. ACESIL is used to form a flexible and waterproof seal between non-porous substrates such as glass, ceramic tiles, metals, aluminium. For difficult materials, preliminary tests must be carried out.

### Instructions for use

ACESIL is ready for use. After proper preparation of the joint and masking, the sealant is extruded on site and rectified within 5 minutes. The masking tape is removed immediately and the excess sealant is removed with a dry cloth.

The surfaces to be sealed must be dry, free of dust or other contaminants. Clean metals surfaces with a cloth soaked in solvent; use alcohol for glass. In case of plastic materials, consult the manufacturer about the appropriate cleaning process, ACESIL adheres directly to the largest part of the non-porous substrates, glass and anodised aluminium without primer. If in doubt, use the primer. As a rule, the depth of the sealant should not exceed half the width of the joint. Under no circumstances should the depth of the sealant be greater than the width of the joint (e.g. for a joint of 25 mm, the recommended depth is 10 mm). For optimum performance, the depth of the sealant should not be less than 3 mm or more than 10 mm.




## Filling materials

Filling materials are used to partially fill the joint, thus reducing the depth of the sealant and providing a concave base, a key element for an effective joint. The recommended filling material is a strip of flexible closed-cell polyethylene foam.

## Recommendations

Do not apply the product below 5 °C or above 50°C.

## Chemical characteristics

Appearance	Tixotropic Paste
Colour	White, Grey, Transparent, Black
Maximum movement	25%
Density	1,00 ± 0,03 g/cm <sup>3</sup>
Application temperature	+5°C to +50°C
Resistance to temperature	-40°C to +175°C
Working time	10-15 minutes
Tack-free time	15-30 minutes
Polymerisation time	1,5 mm/1 day
Extrusion Rate	ml/10 S 10 ± 5
Tensile Strength ISO 37 (N/mm <sup>2</sup> )	1,7
Elongation At Breaking Point ISO 37 (%)	800
Tear Strength (ISO 34 Method C) (N/mm <sup>2</sup> )	4,5
Shore A (23°C e 50% u.r.)	20 ± 3
Certification 	1213 – BELLINZONI SRL 18 DOP-BE614-18 EN 15651 – 1: F EXT-INT-CC EN 15651 – 2: G-CC EN 15651 – 3: S
Shelf life	18 months from production date in its original packaging (unopened container) between 5° and 25° C in a cool dry place.
* indicative values, depending on the nature of the material and environmental conditions	



### 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



### Storage

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



### Packing

Cartridges of 310 ml (12 pcs per cartons)

## 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.primaxbuild.it](http://www.primaxbuild.it)

## Trademark and Origin of the good

PRIMAX<sup>®</sup> 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 ACESIL is MADE IN ITALY.

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