

Torggler

Silicone Sealant

ACETIC

PROFESSIONAL



Acetic curing silicone sealant, resistant to moulds for door and window frames and sanitary use.

- Resistant to UV-rays
- High resistance to aging
- 4 colours

FEATURES

Acetic Professional is a silicone sealant with acetic-crosslinking, it hardens very rapidly and is exceptionally resistant to UV rays and atmospheric agents: it is ideal for use with door and window frames. The presence of an antimicrobial agent and an algae inhibitor in the formulation makes it suitable for sanitary environments too: the product is resistant to boiling water and washing with chemically-aggressive detergents, thus contributing to surface hygiene.

Acetic Professional has a resistance to aging that is greater than any other sealant based on non-silicone resins. It has excellent adhesion even without Primer Silicon on glass, stoneware or glazed surfaces and has good adhesion to the majority of non-porous substrates. Acetic Professional is compliant with UNI 11673-1, "Fitting doors and windows Part 1: project verification requirements and criteria". Acetic Professional is classified as a non-structural sealant for facades (type F-EXT/INT-CC in compliance with EN 15651-1), for glazing (G-CC in compliance with EN 15651-2) and for sanitary uses (type XS) in compliance with EN 15651-3).

APPLICATION RANGE

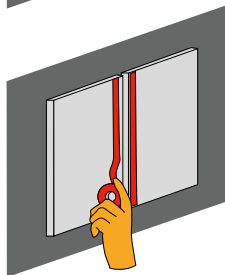
The rapid hardening and the excellent adhesion make it suitable for sealing and static gluing of glass elements in the various glass applications: windows, glazing, glass bricks, artistic objects, solar panels and joints in bathrooms (tubs, shower booths, wash basins), SPA environments and pools. It is also suitable for elastic sealing of the connections between door and window fittings and facades for protection of seal gaskets in automobiles. It is indicated for sealing hatches and covering equipment on boats, caravans and camper vans. It is also used on domestic appliances. It is not compatible with porous or alkaline surfaces such as marble, concrete, fibre cement or cement lime mortar, as the acetic acid released during vulcanisation might attack them. The contact with metals such as copper, zinc, lead or brass leads to their corrosion.



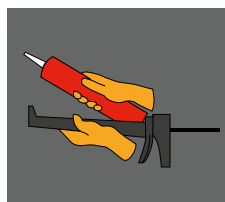
INSTRUCTIONS FOR USE



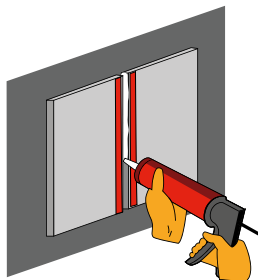
- 1.**
The sides of the joint must be clean, degreased and dry. With porous substrates it is recommended to first treat with Silicon Primer. With deep dilation joints pad with rigid shaped foam elements before sealing.



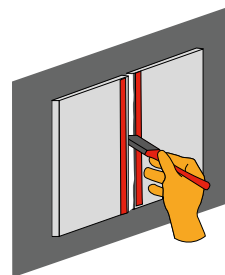
- 2.**
Apply adhesive tape along the sides of the joint.



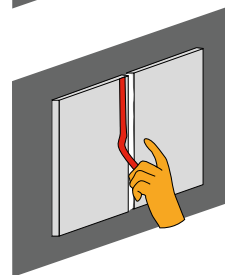
- 3.**
Insert the cartridge in the application gun, open it, screw on the spout and cut off the tip to obtain a sufficient aperture.



- 4.**
Extrude an abundant quantity of sealant.



- 5.**
Smooth off with a damp paint scraper within 5 minutes of application, exerting enough pressure to remove any air bubbles.



- 6.**
Remove the adhesive tape.

SIZING OF THE JOINT

Minimum width = 6 mm.

For joint widths of less than 10 mm, the depth must be equal to the width of the joint and in any case not less than 6 mm. For joint widths between 10 mm and 20 mm the depth must be at least 10 mm. For widths larger than 20 mm the depth must be at least half of the width.

CLEANING OF TOOLS

While the sealant is in the plastic state use solvents; following setting clean only mechanically.

TECHNICAL SPECIFICATIONS

PARAMETER	TEST METHOD	VALUE
Density	ISO 1183-1	1,04 g/ml
Application temperature		From +5 °C to +40 °C
Skin-over time	MIT 33*	15 minutes
Hardening rate from the outside to the inside at 23 °C	MT 32*	2,4 mm in 24h
Operating temperature		from -30 °C to +150 °C
Surface hardness	ISO 868	Shore A: max = 30 / 15'' = 20
Volume variation	EN ISO 10563	6%
Creep resistance	EN ISO 7390	0,0 mm
Elongation at break	DIN 53504 - Punch S3	1000%
Tensile strength at break	DIN 53504 - Punch S3	1,6 N/mm ²
Modulus of elasticity at 100%	DIN 53504 - Punch S3	0,4 N/mm ²
Stretching to breaking point	EN ISO 8339/A - G/Al	170%
Tensile strength at break	EN ISO 8339/A - G/Al	0,8 N/mm ²
Modulus of elasticity at 100%	EN ISO 8339/A - G/Al	0,6 N/mm ²
Elastic recovery	EN ISO 7389/B - G/Al	> 95%
Maximum operating elongation	ISO 11600	25%
Resistance to acid		excellent
Resistance to bases		excellent
Odour after skin-over		none

* Torggler Internal Methods (MIT) are available on request.

COVERAGE GUIDE TABLE		
JOINT WIDTH X DEPTH (MM)	QUANTITY USED PER LINEAR METRE	LINEAR METRES COVERED WITH ONE CARTRIDGE
6x6	36 ml	8,7
8x8	64 ml	4,9
10x10	100 ml	3,1
15x10	150 ml	2,1
20x10	200 ml	1,5

STORAGE


Acetic Professional must be stored in a cool, dry place. Stored in these conditions the product will keep for at least 12 months. Partly used cartridges can be stored for approx. 3 months provided they are tightly closed

PACKAGING

310 ml cartridges

COLOUR RANGE

 Trasparent

 White

 Black

 Tobacco



Torggler Chimica S.p.A., Via Verande 1/A – 39012 Merano (BZ)

18

DoP n° 091A/18

NB n° 1213

EN 15651-1:2012 / EN 15651-2:2012 / EN 15651-3:2012

Silicone Acetic Professional: Sealant for facade for interior and exterior application (intended for use in cold climates); Sealant for glazing (intended for use in cold climates); Sealant for joints for application in sanitary areas

EN 15651-1: F-EXT/INT-CC

EN 15651-2: G-CC

EN 15651-3: XS

Conditioning: ISO 8339/A

Substrate: G_{up}, AL_{up}

Reacton to fire	E	
Release of dangerous substances	NPD	
Water tightness and air tightness	Resistance to flow	≤ 2 mm
	Loss of volume	≤ 10%
	Tensile properties at maintained extension after immersion in water at 23 °C	NF
	Elastic recovery	≥ 70%
	Tensile properties at maintained extension at -30 °C	NF
	Tensile properties [secant tensile modulus at -30 °C]	≤ 0,9 N/mm ²
Microbiological growth	1	
Durability	Passed	

CERTIFICATIONS

The declarations of performance (DoP) are available on request.

LEGENDA FOR CLASSIFICATION ACCORDING TO EN 15651

F	Sealant for non-structural joints for the building trade, on facades. (F = facade elements)
INT	Sealant for internal use only.
EXT-INT	Sealant for internal and external use.
CC	Sealant tested for cold climates. (CC = cold climate - testing done at -30 °C)
G	Sealant for non-structural joints on glazing and door and window frames. (G = glazing)
S	Sealant for non-structural joints in bathroom installations. (S = sanitary joints)
XS	Sealant for joints in bathroom installations with improved performance.
PW	Sealant for non-structural joints on pedestrian walkways. (PW = pedestrian walkways)

To the best of our knowledge the information given in this document is true and accurate. However, since we have no direct control over the actual conditions of use, our recommendations and suggestions are provided as a guide only and do not constitute a guarantee. If you have any doubts we recommend that you test the product before use or contact our specialists for further advice. Torggler Chimica S.p.A. reserves the right to change, substitute or delete items or otherwise make variations to the product data in this document without prior notice. It is possible therefore that the information given in this document is no longer valid. This document substitutes the previous version. Version 09.2018