

# Torggler

## Sealants and Adhesives

# A 2.1

**Multipurpose paintable acrylic sealant.**



- Maximum working elongation of 10%
- Excellent quality/price ratio
- Very low emissions of volatile organic compounds



### APPLICATION AREAS

For applications on joints between vertical or horizontal construction elements as long as there is no continuous water stagnation. It can be painted after hardening. Excellent adhesion on porous substrates, even damp ones: plasterboard, plaster, masonry, wood, fibre cement, concrete.

### FEATURES

Single-component acrylic-based elasto-plastic sealant in aqueous dispersion for overpaintable sealing of cracks, fissures and expansion joints between façade elements with a maximum working elongation of 10%.

### WARNINGS

- Not suitable for sealing that can be walked on or constantly exposed to water.
- Do not apply in case of risk of rain.
- Do not apply in the case of heavily stressed joints.
- Do not store or apply at temperatures below 0 °C.
- Clean tools with water if A 2.1 is still fresh; mechanically and with organic solvents if hardened.

## INSTRUCTIONS FOR USE

- The sides of the joint must be solid, clean and consistent.
- The dimensions of the sealing must be minimum of 6 x 6 mm and maximum 15 x 7.5 mm. On deep expansion joints, insert the backfill sealant.
- A 2.1 does not require primer: on very absorbent substrates, first apply with a brush A 2.1 diluted with water.
- Cut the nozzle according to a diameter proportional to the size of the joint. Inject an excess amount of A 2.1. Smooth out with a spatula dampened with "Smooth" smoothing agent before the surface film formation begins. Apply a certain pressure in order to obtain a void-free filling and complete adhesion of the sealant on the sides of the joint.

## TECHNICAL SPECIFICATIONS

PARAMETER AND TEST METHOD	VALUE
Density UNI 8490 – Part 2 <sup>a</sup>	1,65 ± 0,5 g/ml
Application temperature	from +5 °C to +50 °C
Surface cross-linking time MIT 45	20-35 minutes
Complete hardening	1 – 4 weeks, depending on the joint thickness, temperature and humidity
Operating temperature	from -25 °C to +80 °C
Shore A hardness	30
Tensile strength ISO 37 – Type 3	280%
Ultimate tensile strength ISO 37 – Type 3	0,75 MPa
100% modulus of elasticity ISO 37 – Type 3	0,55 MPa
Tensile strength(UNI EN ISO 8339/A – Mortar support – M2)	110%
Tensile strength at break (UNI EN ISO 8339/A – Mortar support – M2)	0,1 N/mm <sup>2</sup>
Maximum operating elongation	10%
Shrinkage	-23 ± 2%
Resistance to dripping	Good
Resistance to diluted acids	Good
Resistance to bases	Good
Resistance to continuous contact with water	Poor
Resistance to solvents	Poor
Resistance to oil and fuel	Poor
Paintability	It can be painted with water-based paints. Preliminary tests are recommended

Color	Grey, White
Packaging size	20x550 ml, 20x600 ml, 24x310 ml
Pallet	36 cardboards, 40 cardboards, 64 cardboards
Packaging	cartridge, foil bag

## CONSUMPTION

Indicative yield in linear meters of a sealant cartridge =  $V / (W \times D)$

V = Cartridge content in ml

W = Sealing width in mm


D = Sealing depth in mm

## STORAGE

Store in a dry place, protected from frost and heat. In the original packaging it is kept for at least 18 month.

## CERTIFICATIONS

REFERENCE STANDARD		
Range of application	EN 15651-1: 2012	F-INT: Sealant for non-structural joints for façade applications. Indoor use.
VOC emissions	GEV Emission Code	EC1 plus

		
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Torggler S.r.l., Via Prati Nuovi 9, I – 39020 Marlengo (BZ) DoP n° 0170/21 EN 15651-1:2012 NB n° 1213		
EN 15651-1:2012: Sealants for façade for exterior/interior applications (F-EXT/INT)		
Reaction to fire		E
Release of chemical dangerous to the environment and health		NPD
Durability		Pass
Water and air tightness	Resistance to flow	≤ 3 mm
	Loss of volume	≤ 25%
	Tensile properties after water immersion at 23°C	≥ 25%
	Tensile properties (at break) at 23°C	≥ 25%
		EN 15651-1:2012

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