

# acesil-310

06/13 101



## ACESIL-310

Acetic silicone grouting.  
Mould-resistant.

## groutings and sealants

**TECHNOKOLLA**





5-35°C



26



4-15 mm



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## MAIN FEATURES

- Highly elastic
- Good weather and ageing resistance
- UV resistant
- All colours have fungicide treatment
- Optimum workability

## APPEARANCE

Viscous paste in 26 colours (see colour card in [www.technokolla.com](http://www.technokolla.com))

## STORAGE

18 months in cool, dry place.



## FIELDS OF USE

- Silicone-based monocomponent grouting, which turns into a permanently elastic, rubbery substance on contact with the humidity in the air.
- ACESIL-310 can be used for grouting glass, ceramic, glossy aluminium, polyester panels, painted wood\*.
- Suitable for use in health-hygiene situations for creating expansion joints between tiles, in tubs, sinks, for grouting showers and forming expansion joints between walls and floor.

\*Check compatibility prior to application.



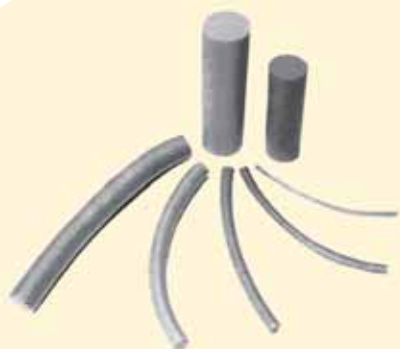
## OPERATIONS PRIOR TO APPLICATION

### Preparation

To ensure the silicone joint functions correctly, the width of the joint must never be less than its depth. The surface to be grouted must be perfectly clean, and the joints free from traces of excess adhesive. Push polyethylene cord, which must be larger than the joint, e.g. 5 mm joint, 8 mm cord, into the bottom of the joint itself. (see Fig. 1) Use adhesive tape to protect the surface of the two tiles on either side. This will facilitate cleaning. Use an iron trowel or the bottom of the cartridge to remove excess grouting.



## RECOMMENDED ACCESSORIES



**437294**  
Synthetic cords



**437251**  
Silicone gun

### Application

Cut off the top part of the cartridge's threaded tip. Screw on the nozzle and cut it 45 degrees on the slant, depending on the width of the joint. Now fit the cartridge into the applicator and begin to squeeze out the silicone.

Excess grouting can be removed with an iron knife or with the bottom of the actual cartridge.

Imperfections can be smoothed using a tool wetted with soap and water.

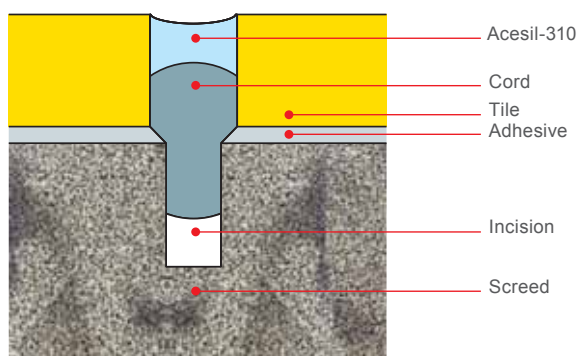


Fig. 1

### AVAILABLE COLOURS

00 WHITE	07 ANEMONE	14 AMARANTH	22 GREEN
01 MANHATTAN	08 BEIGE	15 RUBY	23 YELLOW
02 ICE	09 SAND	16 CARAMEL	24 PERGAMON
03 ASH	10 BROWN	17 CROCUS	25 TRANSPARENT
04 ANTHRACITE	11 COTTO	19 NAVY BLUE	29 LIGHT GREY
05 BLACK	12 DARK BROWN	20 AQUAMARINE	
06 JASMIN	13 MAGNOLIA	21 ANISEED	

### CONSUMPTION

Joint depth in mm	meters of joint filled with one cartridge joint width in mm					
	4	5	6	8	10	12
3	25.8	20.7	17.3	13		
5		12.4	10.3	7.8	6.2	
6			8.6	6.4	5.2	4.3
7				5.5	4.4	3.6
10					3.1	2.5
12						2.1

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## WARNINGS AND RECOMMENDATIONS

- the substrates must be perfectly dry, clean and grease-free
- ACESIL-310 cannot be painted
- do not apply to tar, bitumen, polypropylene, concrete, lead, copper or galvanized steel
- do not apply to porous surfaces
- not suitable for grouting marble or other natural stones
- not suitable for aquariums
- not suitable for swimming pools
- consult the technical brief of PRIMERSIL to evaluate whether or not it must be used prior to grouting

TECHNICAL DATA	VALUE	STANDARD
Temperature during application	min. +5°C, max +35°C	
Setting in 24 h	*approx. 2-3 mm	
Weight density	approx. 1.0 kg/l	
Film forms after	*approx. 10 min	
Ultimate elongation	approx. 400-600%	DIN53504
Shore-A hardness	approx. 18-20	DIN53504
Modulus of elasticity 100%	approx. 0.35-0.4 N/mm <sup>2</sup>	DIN53504
Tensile strength	approx. 1.8 N/mm <sup>2</sup>	DIN53504
Practical absorption of movement	25%	
Thermal resistance	from -40°C to +180°C	

\* these time intervals refer to a temperature of 23°C-50% R.H.. They become shorter at higher temperatures and longer at lower temperatures.

## SPECIFICATION

Sealing between different construction materials must be performed with acetic silicone grouting, such as TECHNOKOLLA's ACESIL-310.

**Technokolla** reminds you to examine the "notes" document that completes the information in this data sheet. The document can be downloaded in the pdf format from the website [www.technokolla.com](http://www.technokolla.com).

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