

acesil-310

02/07 101



ACESIL-310

Acetic silicone sealant.

Free of solvents and resistant against moulds.

groutings and sealants

TECHNOKOLLA





50°C



26



4-25 mm



acesil-310



MAIN FEATURES

Available in 26 colours

Anti-moulds

Highly flexible

Resistant to UV rays

Frost proof

Optimum resistance against atmospheric agents, years and chemical agents

Impermeable to water and vapour

Excellent workability

ASPECT

Viscous paste in 26 colours (see colour chart)

STORAGE

18 months in a dry and fresh place

FIELDS OF USE

- Silicone-based one-pack sealant which, on contact with the humidity in the air, turns into a permanently elastic rubbery substance. Perfectly resistant to the weather conditions and to many chemical compounds. Anyway, due to the various cases they may occur, it is necessary, if any doubt, do preliminary tests.
- ACESIL-310 can be used as a sealant for glass, ceramic, anodized aluminium, metal*, epoxy or polyester panels, wood*.
- Suitable for application in the health-hygiene field for forming expansion joints between tiles, tubs, sinks, for sealing showers and forming expansion joints between walls and floor.

* After application of Primersil

OPERATIONS PRIOR TO APPLICATION

Preparation

To ensure the silicone is correctly applied, the width of the joint must never be less than its depth. The surface to be sealed must be perfectly clean, and the gaps free from excess tile adhesive.

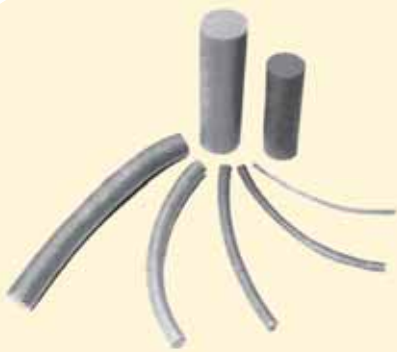
Push the polyethylene cord, which must be larger than the gap, into the bottom of the gap itself. E.g.: 5 mm gap, 8 mm cord (see Fig. 1)

Use adhesive tape to protect the surface of the two tiles to link.

This will facilitate the cleaning operation. Excess sealant can be removed with an iron knife or with the bottom of the actual cartridge.



RECOMMENDED ACCESSORIES



TKW 501
Synthetic cord



TKW 202
Silicone gun

Application

Cut the upper part of the cartridge's threaded spout, screw on the nozzle and cut it on the slant at 45 degrees, depending on the width of the joint.

Now fit the cartridge into the relative applicator and begin to squeeze out the silicone. Excess sealant can be removed with an iron knife or with the bottom of the actual cartridge.

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

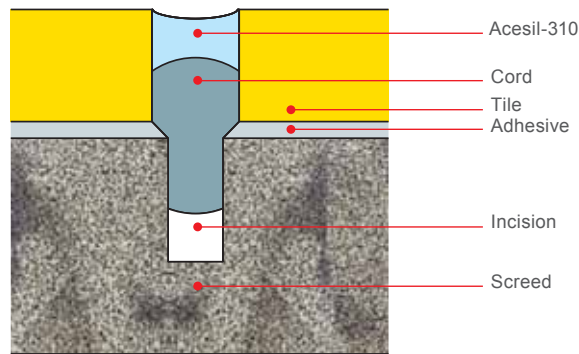


Fig. 1

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 CLEAR
04 ANTHRACITE	11 COTTO	19 NAVY BLUE	29 LIGHT GREY
05 BLACK	12 DARK BROWN	20 AQUA GREEN	
06 JASMIN	13 MAGNOLIA	21 ANISEED	

AMOUNT REQUIRED

Depth of joint in mm	meters of joint filled with a cartridge width of joint in mm						
	4	5	6	8	10	12	20
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	2,2
10					3,1	2,5	1,6
12						2,1	1,3
16							1

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WARNINGS AND RECOMMENDATIONS

- the surfaces must be perfectly dry, clean and grease-free
- ACESIL-310 cannot be coated
- not suitable on tar, bitumen, polypropylene, polyethylene, concrete, lead, copper or galvanized steel
- not suitable on porous surfaces
- not suitable for sealing 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 this latter must be used prior to grouting

TECHNICAL SPECIFICATIONS	VALUE	STANDARD
Temperature during application	min. +5°C, max +50°C	
Reaction time 2 mm	*24 h	
Reaction time 8 mm	*7 days	
Weight density	1.0 Kg/lit.	
Time for forming film	*10 min	
Ultimate elongation	500%	DIN53504
Shore-a hardness	20	DIN53505
Modulus of elasticity 100%	about 0,35 N/mm ²	DIN53505
Tensile strength	about 1,3 N/mm ²	DIN53505
Tolerated total elastic failure	25%	
Thermal resistance	from -40°C to +180°C	

* these times are referred to a temperature of 23°C and 50% U.R., they are shorter at higher temperatures and longer at lower ones.

SPECIFICATIONS

Sealing of constructive elements must be effected with acetic silicone as "ACESIL- 310" type of TECHNOKOLLA.

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.

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