

ADESIL MATERIA

Silicone sealant with acetic cross-linking without solvents.
Certified according to EN 15651-1, 15651-2, 15651-3 and EC1 plus
(very low emission of volatile organic compounds)



Technical features

Ready-for-use cartridge sealant based on silicone resins with acetic cross-linking, with excellent sealing capacity, elasticity and adhesiveness. Complying with EN 15651-1, 15651-2 E 15651-3. Classified EC1 plus.

Product resistant to mildew formation.

Applications

ADESIL MATERIA can be used for: joint sealing between glass and glass, glass and metal, metal and metal; sealing in the hygienic-sanitary field. Sealing with colours matched with those of floor and wall joints not subject to strong abrasion.

Important warnings

- Do not use on plastic.
- Do not use for sealing aquariums and acid-sensitive surfaces.
- Do not use for sealing floors subject to heavy traffic (use **SILFLEX P**).
- Do not use for sealing calcareous stones (use **SP308**).
- Do not use outdoors for joint sealing between ceramic and natural stones.
- Do not use for joints on heavy traffic floors.

Use method

The surfaces to be treated must be perfectly clean, dry and degreased. **ADESIL MATERIA** is applied exclusively by the suitable gun for cartridges. Cut the nozzle at 45° depending on the joint width. Apply sticky paper tape on the sides to prevent the tiles from getting dirty. Evaluate correctly the joint dimensions. The sealing thickness must always be smaller than the joint width. Check the sealant perfectly adheres only to the side walls and not to the bottom. To avoid the contact with the bottom fit a foam polyethylene bead inside the joint. Materials like metal, plastic, wood, concrete can be sealed by using the suitable primer (always previously refer to the Technical Service for such sealing type). Use a wet tool to finish the surface of the joint made.

Specifications

For sealing building structural elements, use an adhesive with acetic cross-linking, e.g. **ADESIL MATERIA** by **ADESITAL S.p.A.** able to absorb the joint movements.

Technical data (at +23°C and 50% R.H.)

Appearance	thick paste
Colour	bianco, traslucido, argento, jasmine, grigio, beige, antracite, marrone, nero, moro
Volume mass	1.03 g/cm ³
Application temperature	from +5 °C to +40 °C
Cross-linking process	
1 day with thickness	2 mm
1 week with thickness	10 mm
Workability time	10 minutes
Flammability	no
Toxicity	no
	Please check the information on the package and on the safety sheet.
Storage	24 months in the original packaging
Shrinkage	3.5%
Elongation	250%
Shore A hardness	20
Tensile strength (according to DIN 53 504S3A)	1.6 N/mm ²
Ultimate elongation (according to DIN 53 504S3A)	800%
Max. allowed movement	25%
Waterproofing	excellent
Resistance to aging	excellent
Weather resistance	excellent
Resistance to chemicals, diluted alkali and acids	good
Resistance to solvents	limited
EN 15651-1:	
sealant for indoor/outdoor facades,	
even in cold climate	f-ext-int-cc
class	25 lm
EN 15651-2:	
sealant for glasses, even in cold climate	g-cc
class	g 25 lm
en 15651-3: sealant for sanitaryware	s
class	xs 1
Coverage	according to the joint dimensions
ADESIL MATERIA PACKAGES	310 ml cartridge
	12-piece box

Warning: The above indications and rules correspond to our best experience, but shall be deemed as merely indicative and shall be confirmed by exhaustive practical tests; thus, before using the product, the operator shall determine if it is suitable for its intended use and shall undertake every responsibility resulting from its use. PROFESSIONAL USE ONLY.