

FLEX E

FLEX E is one-part acetoxy silicone sealant which applied in the form of a semi-fluid paste reacts with the moisture to produce in a few hours a soft and permanently elastic rubber showing excellent adhesion to glass, ceramic, anodized aluminium, some plastics and painted surfaces.

- Multipurpose silicone sealant ready to use
- Non-slumping paste, easy application
- Excellent transparency
- Solventless
- Flexible at low (-40°C) and high temperatures (+100°C).
- Low shrinking during curing
- For sealing and assembling
- Mould resistant, suitable for sealing joints in sanitary areas.

Campi di impiego

- For glazing, perimeter of frames, curtainwalls, tiles.
- For elastic assembling of signs and decorative parts.
- For sealing joints in sanitary areas.

Properties

Curing system : Consistency : acetoxy tixotropic, non-slumping paste

Availability

ACETOXY SILICONE SEALANTS

Colour	Packaging	pcs./box
translucent	300 ml. cartridge	24
white	300 ml. cartridge	24
grey	300 ml. cartridge	24
black	300 ml. cartridge	24
	translucent white grey	translucent300 ml. cartridgewhite300 ml. cartridgegrey300 ml. cartridge

600 ml. foil packs, 20 Kg. and 200 Kg. drums available on request.

Technical data

Typical properties of uncured sealant	
Application temperature :	+5°C / +40°C
Skin formation time (23°C / 50% R.U.):	25 minutes
Curing time :	1-5 days depending on temperature and humidity and on cross section of applied sealant cord
Typical properties of cured sealant	
Shore A hardness (ISO 868) :	18
100% Modulus (ISO 8339) :	0,36 N/mm²
Maximum tensile strength (ISO 8339) :	0,6 N/mm²
Ultimate elongation (ISO 8339) :	150 %
Tear strength (ISO 34, method C) :	4,0 N/mm
Service temperature range :	-40°C / +100°C

The values in this table must not be considered as specifications

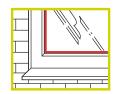


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Method of use

Adhesion and surfaces preparation: the surfaces must be clean, dry and free from dust and oil. FLEX E has an excellent adhesion to glass, glazed surfaces and to anodized aluminium. Onto aluminium, stainless steel, painted surfaces and plastics previous testing is recommended and the use of a suitable Primer is suggested. See table of "Primers for silicone sealants".

Joint dimension: joints designed to accommodate movement should have rectangular section and depth at least 3 mm., the joint width at least five times total expected movement and always twice as depth. For a correct dimensioning of joint cross section insert to the joint back **Filtene**, a closed cell polyethylene foam release profile.

Application: apply sealant by means of an air operated gun or of a hand gun. Any tooling if required should be carried out immediately.

Notes

FLEX E is not recommended for concrete, marble, copper and galvanized plates, lead and polycarbonate. **FLEX E** is not suitable for assembling mirrors and aquariums.

Cautions

FLEX E produces acetic acid vapour during cure, avoid inhaling the vapours as well as contact with eyes and skin.

Storage stability

12 months (300 ml. cartridges, 600 ml. sausages and 200 Kg. drums), 6 months (20 Kg. drums) for the product stored in the original sealed pack in a cool and dry place, at a temperature range from +5°C to +25°C.

Standard compliance



EN 15651-1: F-EXT-INT CC Sealant for façade for interior and exterior application (intended for use in cold climates)

EN 15651-3: XS 1 Sealant for joints in sanitary areas



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Via C. Colombo, 6 - 44124 Ferrara - Italy Tel. + 39 0532 782711 - Fax +39 0532 732121 info@zucchini.it - www.zucchini.it COMPANY WITH QUALITY SYSTEM CERTIFIED BY DNV GL = ISO 9001=

All recommendations relating to application and use of Fratelli Zucchini S.p.A. products have been given in good faith based on Fratelli Zucchini S.p.A. knowledge and experience, and for products appropriately stored, handled and applied in normal conditions, as indicated in their respective Technical Datasheet. The variability of materials, substrates and conditions of use is such that no warranty of their functionality for a specific application can be deducted from this information, written recommendation or any other type of suggestion offered. Each user has the responsibility to complete adequate evaluations on the efficacy of the materials offered by Fratelli Zucchini S.p.A., of its products, services, recommendations and suggestions for the specific application need, and must accomplish sufficient testing to ascertain that the final product will be safe and sound for the final intent of the end-user. Fratelli Zucchini S.p.A. conto be considered liable for any damage, direct or indirect derived by a wrong or incorrect use of the products.