

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 : acetoxy
Consistency : tixotropic, non-slumping paste

Availability

Code	Colour	Packaging	pcs./box
1007165	translucent	300 ml. cartridge	24
1007166	white	300 ml. cartridge	24
1007184	grey	300 ml. cartridge	24
1007185	black	300 ml. cartridge	24

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

Technical data

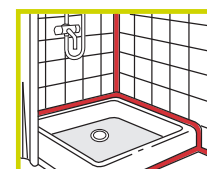
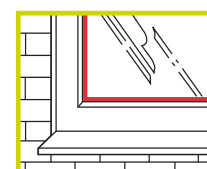
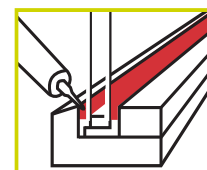
Typical properties of uncured sealant

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/mm ²
Maximum tensile strength (ISO 8339) :	0,6 N/mm ²
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


NB 01213
Fratelli Zucchini S.p.A.
14
DoP n° 14 05 5006438
EN15651-1: F-EXT-INT-CC
EN15651-3: XS 1

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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