

Flexil 2001

Low modulus neutral silicone sealant mould resistant

Description

One-part neutral silicone sealant with pasty consistence which reacts with the moisture to produce in a few hours a low modulus rubber, elastic in a wide range of temperatures ($-40^{\circ}\text{C} \div +100^{\circ}\text{C}$). No corrosion on metals, low odour, adheres without the use of primer to glass, glazed surfaces, treated wood, many metals, painted surfaces and plastics. Mould resistance make it the ideal sealant for bathroom, kitchen and sanitary fitments.

Uses

For sealing ceramic tiles, sanitary fittings, glass, metals, bathrooms, showers.
For perimeter joints of panels, door and window frames in refrigerated rooms, bathrooms, kitchens.
Fast curing multipurpose adhesive-sealant for domestic repairing, caravanning, boat maintenance.

Characteristics

Mode of setting	: alcoxy
Consistency	: non slumping paste
Packaging	: cartridge 310 ml
Colours	: Translucent - White

Typical properties of uncured sealant

Application temperature	: $+5^{\circ}\text{C} / +40^{\circ}\text{C}$
Tooling time	: 10 minutes
Tack-free time 23°C at 50% U.R.	: 25 minutes
Curing time	: 1-5 days depending on temperature and humidity, and on the section of applied sealant cord

Typical properties of cured sealant

Shore A Hardness (ISO 868)	: 24
100% Modulus (ISO 8339)	: $0,37 \text{ N/mm}^2$
Maximum tensile strength (ISO 8339)	: $0,5 \text{ N/mm}^2$
Ultimate elongation (ISO 8339)	: 250%
Movement capability (ISO 11600)	: 20%
Service temperature range	: $-40^{\circ}\text{C} / +100^{\circ}\text{C}$

The values in this table must not be considered as specifications

Technical data sheet

Flexil 2001

Method of use

Surface preparation: the surfaces must be clean and dry, free from dust, oils or polluting substances. Metals must be degreased. Flexil 2001 has good adhesion on glass, glazed surfaces, metals such as stainless steel, aluminium and copper, uPVC. In consideration of the great variety in nature and characteristics of paints and finishing products and in composition of plastics, on such surfaces a previous testing is always recommended.

Recommended joint dimension: joint should be designed so that to produce a minimum sealant thickness not below 3 mm. The thickness of the sealant should be always lower than width. For a correct dimensioning of joint cross section, insert at the back **Filtene**, a closed cell polyethylene foam round profile, available in several diameters.

Application : apply sealant by means of an air or hand operated gun and practise a suitable pressure against the sides of the joint. Any tooling if required should be carried within 10 minutes

Note

Flexil 2001 is not recommended for joints subjected to abrasion or continuously immersed in the water and for mirror fixing; it must not be used in contact with organic elastomers, polycarbonate and natural stones.

STORAGE STABILITY

12 months from the date of manufacture if sealant is kept in the original sealed pack in a dry place at a temperature under 25°C.

Standard Compliance

ISO 11600 F-EXT-INT CLASS 12,5 E



EN 15651-1: F-EXT-INT

Sealant for façade for interior and exterior application (intended for use in cold climates)

EN15651-3: S Sealant for joints in sanitary areas

DOP 14 05 5006439

All recommendations relating to application and use of Fratelli Zucchini products have been given in good faith based on Fratelli Zucchini 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, 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.

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