



ELASTOTET S.A.

SEALING & ADHESIVE MATERIALS

Silicone, Acrylic & Polyurethane Sealants

S-200

ACETOXY TYPE SILICONE-SANITARY

One part, acid-curing, sanitary silicone sealant for general purpose sealing.

PACKAGING

Plastic cartridges of 0,28 Lt. Sausages 0,6 Lt and 0,4 Lt.

COLOURS

Transparent, White, Brown, Grey, Black.

It can not be painted.

PHYSICAL PROPERTIES

$\frac{3}{4}$ **Elastic performance**

$\frac{3}{4}$ **Good adhesion on glass, vitrified surfaces, ceramic tiles, many plastics and most paints.**

$\frac{3}{4}$ **Flexible at low (-40 °C) and high temperatures(+ 100 °C).**

$\frac{3}{4}$ **Ready gunnability at low (+5°C) and high (+ 40 °C) temperatures.**

$\frac{3}{4}$ **Excellent weathering and UV resistance.**

$\frac{3}{4}$ **Excellent tooling characteristics.**

TECHNICAL CHARACTERISTICS

Uncured Product

- Density: 0,98 g/cm
- Consistency: non sag
- Skin-forming time (23 oC, 50% R.H.): 15 min
- Extrusion rate at 23 °C, 3-mm nozzle, pressure 0.63N/mm²: 800 g/min

Cured Product

- Hardness, Shore A: 18
- Tensile strength DIN 53504 : 1,4 N/mm²
- Modulus at 100% elongation DIN 53504 : 0.35 N/mm²
- Ultimate elongation DIN 53504 : 600%

APPLICATION FIELDS

Silicone S 200 is suitable for sealing and joining of constructions of non porous materials such as glass, aluminium, porcelain (tiles etc.), glazed ceramics, many plastics and most paints. DIY applications (car, boat, caravan, house).

INSTRUCTIONS FOR USE

CARTRIDGES

The closed cartridge is cut at the point where the thread ends. Then the nozzle is screwed on the cartridge and cut (slantwise preferably) to form an opening proportional to the joint width. After the cartridge has been cut appropriately, the sealant is applied in the joint with the use of a hand- or air-gun.

SAUSAGES

The 0,6 lt / 0,4 lt sausage is inserted in the special hand- or air-gun and it is cut at the edge. Then the gun nozzle is screwed and cut (slantwise preferably) to form an opening proportional to the joint width.

The use of self-sticking paper tape (MASKING TAPE) on both sides of the joint is recommended, in order to avoid soiling. Immediately after the application of the sealing material in the joint, the surface of the uncured sealant is smoothed with the use of a spatula or by finger.

Surface preparation: The substrate areas that will be in contact with the sealant must be clean, dry, free of all loose material, dust, dirt, rust, oil and other contaminants. Non-porous substrates should be cleaned with a solvent and a clean, white, lint-free, cotton cloth. Wipe dry immediately with another such cloth before the solvent evaporates from the surface.

Adhesion: S-200 exhibits excellent adhesion without primer to many non-porous siliceous materials, e.g. glass, tiles, ceramics, enamel, glazed tiles and clinker; impregnated, varnished or painted wood; plastics, e.g. epoxide, polyester, polyacrylate and Formica.

Restrictions:

$\frac{3}{4}$ The width of the joint must be neither less than 3-4 mm, nor more than 30-40 mm.

$\frac{3}{4}$ S-200 should not be used in contact with metals like lead, copper, brass, zinc due to corrosion.

$\frac{3}{4}$ S-200 should not be used in contact with prestressed polyacrylate elements as it may cause stress cracking.

$\frac{3}{4}$ S-200 should not be used on substrates such as marble, concrete, fibrous cement and mortar, as the product releases acetic acid during vulcanization.

$\frac{3}{4}$ S-200 may be discolored in contact with some organic elastomers, e.g. EPDM, APTK and neoprene.

Precautions : Contact with eyes must be completely avoided. In such case wash with plenty of water. Keep it away from children.

Storage stability : at least 12 months if stored in a cool (below 25°C) and dry place.

WARNING TO USERS

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