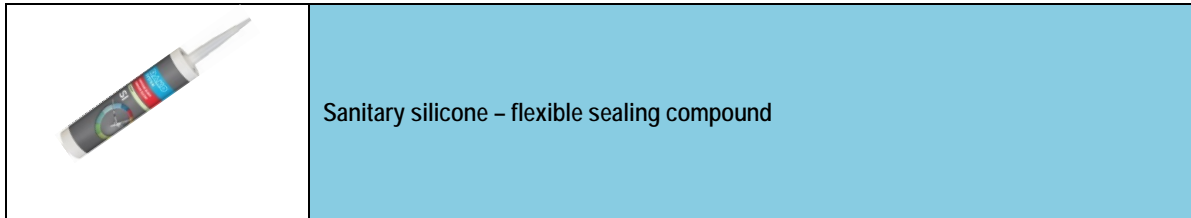


Sealants – sanitary silicone



APPLICATION:

This long-lasting elastic sealing compound is intended for the sealing of joints in sanitary and wet areas (bathrooms, showers, toilets, swimming pools, etc.).

It can be used for all connection and movement joints of non-porous silicate materials – ceramic wall and floor tiles, sanitary ceramics, and glass – both in normal and humid areas.

Water resistant jointing in internal and external environments.

This sealant has excellent adhesion to most coatings (lacquered, impregnated, or lacquered wood) and plastic materials (such as epoxy, polyester, polyacrylate, and Formica).

This product is not suitable for bases such as marble, concrete, mortar, fibre-cement boards, some metals (lead, copper, brass, zinc), and preloaded elements of polyacrylate; in contact with some organic elastomers (such as EPDM, APT and neoprene), this product may lose its colour.

Due to their limited adhesion, some surface treatments (such as masonry paint) can not be applied to the silicone surface.

COLOUR SHADES:

According to the manufacturer's colour chart.

Characteristic features:

- resistance to mildew
- extreme resistance to ageing and climatic effects
- fast curing (fast transition to tack-free state)
- high flexibility and stability (dimensional and material)
- resistance to common cleaning agents and light mechanical cleaning

COMPOSITION: One-component silicone sealant of acetate type with fungicidal additives, vulcanising with air humidity.

TECHNICAL PARAMETERS:

Appearance:	drip-free paste
Specific weight:	0.98 g/cm ³
Withering time:	approx. 25 min
Vulcanisation:	2 mm/24 hours
Module at break:	0.3
Elongation:	300 – 400%
Hardness:	15 – 25 Shore A
Application temperature	+5°C to +40°C
Heat resistance:	-40°C to +180°C
Resistance to UV radiation:	yes

BASE PREPARATION:

The base must load-bearing, dry, free of dust, and impurities. Rust and loose coatings negatively affect adhesion, therefore, they need to be removed. As a result of the acid curing system (acetic acid is a fission product), zinc metal sheet, iron, steel, copper, brass, and lead

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TECHNICKÝ LIST /

can corrode, therefore, sanitary silicone is not suitable for these bases. If silicone is applied on the above-mentioned surfaces, it is necessary to protect the base surfaces against corrosion in a suitable manner, or to use a neutral silicone sealant, such as **NSI**. The minimum joint cross-section is 3 x 5 mm. The width for some joints must be calculated in such a way to not exceed the permissible total deformation of the silicone sealant (motion transfer ability). It is not suitable to apply sanitary silicone on mineral bases (marble, concrete, mortar, or fibre-cement boards).

Joint preparation:

In order to create the optimal shape of the sealant, the joint should be thoroughly clean, and, if necessary, the **PES** sealing cord with a closed cell structure should be inserted. The inserted **PES** cord prevents the undesirable adhesion of subsequently applied silicone on the bottom of the joint. If other filling material is used, this should be a silicone-compatible material. Oil, tar, or bitumen-containing filling materials, and natural rubber-based materials, chloroprene and EPDM are not suitable.

Improvement of adhesion:

SI sanitary silicone adheres to many bases, such as glass, ceramics, epoxy coatings, and enamels. To increase adhesion, **Primer NP** can be used. If necessary, perform the adhesion test.

PROCESSING:

To achieve optically superior joints, it is recommended to cover the joint edges with a suitable adhesive tape. Press the silicone into the joint so as to avoid the formation of air cavities. Fill the gap completely. Using a spatula of suitable shape, remove the excess sealing material. Then, remove the adhesive tape. Using a sprayer, apply the smoothing solution and smooth the surface before creating a non-sticky surface film. After completion of vulcanisation, silicone can be loaded mechanically and with water.

Cleaning:

Fresh, uncured silicone can be removed using organic solvents. The cured material can be removed using the **CL 806** cleaning agent.

CAUTION:

- It is inadmissible to add additional binders, fillers, and other additives.
- Ensure good ventilation of the workplace.
- The sealant can be processed only under air and base temperature ranging from +5°C to +40°C! The work cannot be done if frost is expected.
- **SI** sanitary silicone cannot be used in areas without the access of air, as this product needs air humidity to react.
- When silicone is applied on surfaces treated with a primer coating, there is a risk of non-adhesion of subsequent coatings to surrounding bases. These surfaces must be thoroughly cleaned, and the adhesion test should be performed.
- This silicone is not suitable for the sealing of structural facades, or to connect the edges of insulating glasses. This product is also not suitable for the gluing of aquariums, and for use in the pharmaceutical and medical sectors.
- Leave the unused residues to air harden (dry) – they can be disposed of as wastes; contaminated containers should be disposed of in a controlled landfill (see the Safety Data Sheet).
- Only completely emptied and clean packaging may be handed over to recycling.

FIRST AID:

In the event of health problems, or if in doubt, contact your doctor. If inhaled, leave the contaminated workplace, and act upon symptoms. In contact with skin, take off contaminated clothing, and rinse the skin with clean water and soap. Apply an appropriate cream to irritated places. After eye contact, rinse with clean water for at least 15 minutes, possibly with forcibly opened eye lids, then seek medical advice. If swallowed, drink a glass of water. Do not induce vomiting, call for medical help. If the symptoms of any affection (irritation) caused by contact with the product do not subside after providing first aid, seek medical advice.

SAFETY AND HYGIENE REGULATIONS:

Non-flammable

When working with this product, use protective gloves and follow good personal hygiene.

Wash your hands with warm water and soap after work, and treat with creams.

STORAGE:

The product should be stored in a dry place (+5 to +25°C) in its original container sealed against humidity. If the storage conditions are met, the the guarantee period will be 24 months. The expiration date is specified on the packaging.

SHIPPING:

Plastic cartridge with a volume of 310 ml – 15 pieces in a paper box.

QUALITY:

The product quality is regularly checked in the manufacturer's laboratories. The distributor applies a certified quality management system, according to ISO 9001.

DISTRIBUTOR:

LASSELSBERGER, s.r.o., Adelova 2549/1, 320 00 Pilsen – Jižní Předměstí

VALIDITY:

Since 1 January 2016

We reserve the right to make any changes that are the result of technical progress. This issue cancels and supersedes all previous issues.

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