

## SAB

### Sealants – PUR



Flexible, polyurethane-based sealing material

#### APPLICATION:

Sealing material with very good adhesion to almost all building materials – suitable mainly for glass, aluminium, and concrete without a primer coating.

This product is used mainly for the additional sealing of ceramic wall and floor tiles to certain building elements, such as door and window frames, plumbing parts, floor traps, and other entries.

When reacting with air humidity, a permanently elastic sealing material is formed.

It is also used as a substitute for silicone sealants at places where silicone sealants are unsuitable.

In general, this material can also be used for the grouting of prefabricated panels, and cladding of buildings, connecting and roof joints, transition joints of windows (including PVC) and doors, joints in wood and metal materials; gluing of concrete and ceramic panels.

**COLOUR SHADES:** white, Manhattan.

#### Characteristic features:

- drip-free – thixotropic consistency
- good over-coating and resistance to UV radiation
- excellent resistance to water
- slight resistance to acids and bases, solvents, and hydrocarbons

#### COMPOSITION:

One-component polyurethane sealant, containing polyurethane pre-polymer (co-polyol and polymeric isocyanate).

#### TECHNICAL PARAMETERS:

Appearance:	drip-free paste
Specific weight:	1.17 g/cm <sup>3</sup>
Withering time:	1.45 – 2.3 hours
Vulcanisation:	3 mm/24 hours
Resistance to water, acids, alkali:	yes
Module at break:	0.3
Elongation:	over 250%
Hardness:	40 Shore A
Application temperature:	+5°C to +40°C
Heat resistance:	-40°C to +80°C
Resistance to UV radiation:	yes

#### BASE PREPARATION:

The surface must be dry, clean, free of dust and grease.

#### Joint preparation:

In order to create the optimal shape of the sealant, the joint should be thoroughly cleaned, 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 sealant on the bottom of the joint.

#### PROCESSING:

To achieve optically superior joints, it is recommended to cover the joint edges with a suitable adhesive tape. The sealing material is applied by manual or pneumatic guns at a specified temperature. Using a dampened spatula of suitable shape, remove the excess sealant. Then, remove the protective tape. Using a sprayer, apply the smoothing solution and smooth the surface before creating a non-sticky surface film.

#### CAUTION:

- The sealant can be processed only under air and base temperature ranging from +5°C to +40°C!
- Before the start of any work, check the compatibility of materials. The manufacturer is not responsible for any defects caused by incorrect procedures in applying this product by the user.
- Due to UV radiation, a slight colour deviation may occur against the colour chart.
- Uncured material, cured mass, and contaminated containers should be disposed in a controlled landfill as of hazardous wastes (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 doubts, notify the doctor and provide your doctor with the information from this Safety Data Sheet. If unconscious, place the victim in the recovery, side position with the head slightly tilted back. If inhaled, interrupt exposure, move the victim from the contaminated place to air, and secure physical and mental rest. Do not let the victim get cold. In case of breathing difficulties, seek medical advice. In contact with skin, take off contaminated clothing, wash the affected area with plenty of water and soap, and rinse well. In signs of severe irritation (redness of skin), or signs of skin damage, seek medical advice. After eye contact, remove contact lenses, if present. Flush eyes immediately with clean (if possible, tepid) running water for at least 15 minutes, while holding the eyelids widely open, especially areas under the eyelids: if pain or eye redness persist, consult with your doctor. If swallowed, calm the victim and keep warm. Rinse mouth with water, but only if the victim is conscious and without convulsions. Do not induce vomiting. Seek medical advice immediately and show the product label, or this Safety Data Sheet. In sensitive persons, inhalation may cause irritation of mucous membranes of the respiratory tract. Locally, it may irritate the skin (redness, itching). It degreases and dries the skin. Locally, it may irritate eye conjunctivae (redness, sense of burning in the eyes, tearing). It may cause irritation of the digestive tract, accompanied by abdominal pain and nausea; and vomiting and diarrhoea may also occur.

#### 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:

If the product is stored in the original packaging (do not store close to sources of heat) at temperatures from + 5°C to + 25°C, the shelf life is 18 months. Protect against frost. The expiration date is specified on the packaging.

#### SHIPPING:

Metallic cartridge with a volume of 310 ml. – 25 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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