

SEALANT PU 15

- > highly resilient
- > good edge adhesion
- > permanently elastic
- > chemical resistance



Product description

Highly resilient, odourless, permanently-elastic, chemical-resistant, single-component, UV-stable sealant based on polyurethane with high edge adhesion.

Indoors and outdoors as universally usable sealant for expansion and connecting joints in floor and wall areas. Especially for chemically loaded surfaces, such as filling stations, commercial kitchens, swimming pools, industrial surfaces.

Delivery format

Container	Outer packaging	Pallet
12 STK / PPE	12	660 PPE
12 STK / KTU	12	1248 KTU

Storage

Can be stored frost-free, cool, and dry on wooden shelves in the unopened original container for 270 days

Processing

Recommended tools

Cartridge, manual or compressed air gun.

Processing

Apply the compound to the joint with a manual or compressed air gun. Deep joints are to be backfilled with foam round cords. To achieve a better adhesion of the sealant, pre-coat the joint edges with Murexin Primer PU 150. After application of the sealant it can be post-treated with Murexin Universal Smoother UG 1.

Post-treatment:

The material must be protected against rain and mechanical loads until fully hardened. Prevent the penetration of dust and dirt into the surface.

Technical data

Density	approx. 1.20 g/cm ³
Consumption	approx. 1.2 kg per litre joint space approx. 10 sqm with a 5 mm joint width
rainproof	after full hardening
Skin forming time	after approx. 60 min.
Full hardening	approx. 3 - 5 mm per 24 hrs.
Shore D hardness	approx. 40
Elongation at break	at approx. 250 %
Temperature resistance	-30 °C to +80 °C

Substrate

Suitable substrates

The substrate is load-bearing and free of intrinsic and foreign substances as well as substances that have a separating effect, burrs or sharp edged unevennesses and soil.

Defects such as cavities, masonry joints, mortar pockets, gravel pockets up to 5 mm depth can be levelled out via scratch coating. Deeper defects are levelled out with suitable reprofiling mortar.

The substrate may be moist but not wet.

Product and processing instructions

Material information:

- If processing outside the ideal temperature and/or humidity range the material properties could change markedly.
- Bring the materials to the proper temperature before processing!
- In order to maintain the product properties, do not add any foreign materials!
- Water dosing quantities or dilution information must be strictly adhered to!
- Check tinted products for colour accuracy before application!
- Colour consistency can only be guaranteed within the same batch.
- The colour formation is significantly impacted by the environmental conditions.

Environmental information:

- Do not process at temperatures below +5 °C!
- The ideal temperature range for the material, substrate and air is + 15 °C to + 25 °C.
- The ideal relative humidity range is 40% to 60%.
- Increased air humidity and/or lower temperatures may prolong the drying, setting and hardening time, while lower air humidity and/or higher temperatures will speed it up.
- Ensure adequate ventilation during the drying, reaction and hardening phase; avoid draughts!
- Protect against direct sunlight, wind and weather!
- Protect adjacent components!

Tips:

- We recommend using a test surface first or a small area for initial, small-scale testing.
- Please heed the product data sheets of all MUREXIN products used in the process.
- Keep a genuine original container of the respective batch for later repair work.

The information provided reflects average values that were obtained under laboratory conditions. Due to the use of natural raw materials, the indicated values of individual deliveries may vary slightly without impacting the product suitability.

Safety instructions

Please refer to safety data sheet for product-specific information with regard to composition, handling, cleaning, corresponding actions and disposal.

Limiting and monitoring exposure

Personal protective equipment:

General protection and hygiene measures:

- Keep away from foodstuffs, beverages and feedstuffs.
- Take off contaminated, impregnated clothing immediately.
- Wash your hands before taking breaks and when finishing work.

Breathing protection: not required.

Hand protection: protective gloves.

Glove material

- Nitrile rubber

- The selection of a suitable glove depends not only on the material, but also on other quality properties, which may vary from manufacturer to manufacturer.

Penetration time of the glove material

- The precise penetration time is to be found out from the protective glove manufacturer and complied with.

Eye protection: Protective goggles recommended when decanting.

Body protection: protective clothing.

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Please observe the current, technical, national and European standards, guidelines and data sheets regarding materials, substrates and the subsequent construction. Please contact us if you have any reservations or doubt.

This version is rendered invalid if a new version is released. The most recent data sheets, safety data sheets and the terms and conditions are available online at www.murexin.com.