HydroStop PU 15 Sealant

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

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
0.6 L / PPE	12	660 PPE

Storage
Can be stored frost-free, cool, and dry on wooden shelves in the unopened original container for 365 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.

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Technical data

Density	approx. 1.20 g/cm³
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 our
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 temper
atures 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

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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.

This leaflet is based on extensive experience, is intended to convey the best of our knowledge, is not legally binding and does neither constitute a contractual legal relationship nor a subsidiary obligation resulting from the bill of sale. The quality of our materials is guaranteed within the framework of our general terms and conditions. Our products may be used by professionals and/or experienced and accordingly technically skilled persons only. Users are not released from inquiring in case of uncertainties or from rendering professional workmanship. We recommend using a test surface first or a small area for initial, small-scale testing. Naturally, it is not possible to describe or foresee all possible current and future uses and peculiarities. Information that is assumed to be familiar to experts has been omitted.
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.

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Appendices

Chemicals Resistance List
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Methanol	softens
Ethanol	softens
Chloroform	not resistant
Acetone	softens
Ethyl acetate	softens
Hexane	not resistant
Toluene	not resistant
White spirit (test gasoline)	softens
Shellsol A	softens
Engine oil	+
Diesel fuel	+
Mineral oil	+
Gasoline (premium)	softens
Formic acid (10%)	not resistant
Acetic acid (10%)	not resistant
Citric acid (10%)	not resistant
Lactic acid (10%)	not resistant
Sulfuric acid (10%)	+
Sulfuric acid (38%)	+
Drinking water	+
Destilled water	+
Chlorinated water (5%)	+
Nitric acid (10%)	not resistant
Nitric acid (50%)	not resistant
Sodium hydroxide solution (10%)	+
Potassium hydroxide solution (10%)	+
Ammonia	+
Hypochlorite solution	softens
Hydrogen peroxide (3%)	+
Hydrogen peroxide (30%)	softens

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