



Adhesive sealant

Examples for Application

- Sealing of underroof, underceiling, undertrussing and façade sheets in the area of the nail staples for sheet fixation as well as for sealing of the counter battens nailing with rafters to achieve "rain-safe roofing"

Special Properties

- elastic adhesive joint
- Solvent-free
- Expands (foams) during the curing process!
- It features an especially wide range of application possibilities on different materials

Technical Data

Basis	1-C-humidity-cross-linking polyurethane
Colour hard-dry	beige
Viscosity as per cone and plate (300 s ⁻¹) at +20 °C	approx. 1 500 mPa.s
Density as per EN 542 at +20 °C	approx. 1.15 g/cm ³
Skinning time - wet at +20 °C, sprayed with water; applied quantity 500 µm-PE/PVC	approx. 12 min
Curing time at +20 °C, 50 % r. H. until it reaches the final strength	approx. 7 d
Applied quantity average	approx. 20 g/linear metres
Processing temperatures adhesive sealant	from +7 °C to +30 °C
Processing temperature building materials and environment	from -5 °C

General Information

The cured mass changes its colour due to UV radiation but not its strength in the cured bonded joint.

Caution: the viscosity of the 1-C-PUR materials is approximately twice as high at +15 °C as at +25 °C.

Skinning, joining times, as well as the required press and following processing times can only be determined accurately by self-tests because they depend on material, temperature, applied quantity, air humidity, material humidity, thickness of adhesive film, press power, and other criterions. For processing, appropriate safety allowances shall be planned in addition to the specified guiding values.

Preparation

Acclimatize the product before the application to processing temperature. Do not spontaneously heat up with heaters.

Application on frozen, ice-free surfaces is possible provided that the climatic conditions reach +7 °C on this workday

The surfaces of the workpieces to be bonded must be dry, and free from dust and grease.

Bonding

After the above mentioned roofing sheets have been fixed on the rafters, the material is applied on the surface of the nail staples using a dosing bottle.

If the counter battens are installed simultaneously, the sealant can also be applied on the counter battens as central bead and, within the skinning time, the counter battens can be nailed/screwed on the rafters.

Remove leaked out material when it is fresh.

Important instructions

Only instructed personnel in specialist firms are allowed to use the product!



Industrieverband
Klebstoffe e.V.

**COSMO® PU-160.230**

***COSMOPUR VP 1568

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Our user instructions, processing guidelines, product- and performance data, and other technical statements are only general directives; they describe only the condition of our products (values, determination of values on the date of completion) and the performances do not represent a warranty in the sense of § 443 BGB. **Because of the wide variety of applications of the individual product and the relevant special conditions (e. g. processing parameters, material characteristics, etc.), it is up to the user to test it itself;** our free expert advice for application provided in speech, writing, and as test is nonbinding.

Please, also consider the Safety Data Sheet!

Cleaning

Remove the fresh, not cured adhesive from the surfaces and the tools using COSMO® CL-300.150.

Cured adhesive can only be removed mechanically.

Storage

Store the hermetically closed original trading units in a dry place at temperatures of +15 °C to +25 °C no direct sun radiation.

While transported within the usual transport times, the product may be exposed to temperatures from -30 °C to +35 °C.

Storage life in unopened original packaging: 12 Months

During the storage time, viscosity is increasing, reactivity is decreasing.

Packaging

PE-bottle, net weight: 1 000 g

PE-bottle, net weight: 500 g

Dosing tip/bottle attachment on request.



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Weiss Chemie + Technik
GmbH & Co. KG
Hansastraße 2
D-35708 Haiger

Tel.: +49 (0) 2773 / 815 - 0
Fax: +49 (0) 2773 / 815 - 200
Email: ks@weiss-chemie.de
Web: www.weiss-chemie.de

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