

Product 02097600 2-comp. PU adhesive for elastic mats, solvent free, beige

1 General Data

Fields of application

VIASOL PU-B976 is used indoor as adhesive for elastic mats for VIASOL impact-sound reducing systems.

Product description

VIASOL PU-B976 is a spatula applied, solvent free, ready-to use two component PUR adhesive.

VIASOL PU-B976 is easy to apply, cures at lower temperatures and is non-sensitive to moisture during curing.

VIASOL systems

VIASOL PU-B976 is the adhesive for
VIASOL ELASTIC comfort

Technical support

For system build up possibilities and detailed information relating to the laying of VIASOL products, please refer to the VIASOL System Planner or contact VIACOR Polymer GmbH directly.

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(A) Technical Data Sheet	
Mixture (A+B)	
1. Solids content	99%
2. Density (20°C)	1,48 g/cm ³
3. Viscosity (20°C)	thixotrop
4. Packaging size (2-component container)	24 kg (20 kg A + 4 kg B)
5. Colour	beige
6. Shelf life (20°C)	12 months in closed original container
7. Storage	Dry at 10–25°C, avoid direct sunlight

(B) Technical Data	
Cured material	
1. Hardness Shore (DIN EN 196/ ASTM C109)	A 80 (after 24 h) D 60 (after 28 d)
2. Tensile strength (DIN EN 196/ASTM C109)	approx. 14 N/mm ²
3. Elongation at break (DIN 53504)	approx. 55%
4. Tear strength (DIN 53515)	approx. 34 N/mm ²

Manufacturer:

VIACOR Polymer GmbH, Graf-Bentzel-Str.78, D-72108 Rottenburg, Tel: +49/7472-94999-0, info@viacor.de, www.viacor.de

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2 Application Method

Please refer also to our general application guideline.

Substrate Preparation

The substrate must be clean and free of dust and loose particles.

Application

The product is delivered in ready-to-use 2-component containers in the exact mixing ratio. The A-component must be stirred for at least 2–3 minutes. Then the entire content of the B-component is emptied into the A-component container and the two components are mixed until homogeneous using a suitable electric stirrer (for at least 2–3 minutes). The inclusion of air in the mixing process is to be avoided. The mixture is poured into another container and briefly stirred again.

The product is spread using a toothed spatula in the width and length of the whole mat. Afterwards the mat is rolled into the prepared substrate and the start and endpieces as well as middle pieces are loaded down with weights. Material consumption depends on the used toothed spatula and on the substrate. After 30-60 minutes (depending on temperature) the mats can be rolled over using a 50 kg roller to avoid blisters and crinkles.

The substrate temperature must not exceed 35°C.

For cleaning of tools and other dirt VIASOL SO-X12 cleaner is recommended.

(C) Technical Data

Liquid mixture (A+B)

1.	Mixing ratio A : B	100 : 20
2.	Working time	at 12°C ca. 50 min. at 20°C ca. 30 min. at 30°C ca. 20 min.
3.	Application temperature	10–35°C (min. 3K above dew-point)
4.	Permissible rel. humidity	min. 30 – max. 90%
5.	Material consumption	300 – 800 g/m ²
6.	Foot traffic (20°C)	after ca. 10 hours

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3 Further information

CE-Mark



CE-Mark according to EN 13813

EN 13813: 2003-01, Screed material and floor screeds - Screed materials - Properties and requirements is the basis for requirements for floor screeds used in indoor flooring constructions. Resin coatings and sealer are also subject to this norm.

Details see CE-conformity mark and declaration of performance.

Decopaint-Guidelines (EU 2004/42/EG)

The maximum allowable VOC content for Product category IIA j Type Lb in the ready-to-use state is stage II (from 2010) < 500 g/l VOC.

In the ready-to-use state this product contains less than 500 g/l VOC.

Warnings and precautions

Information relating to the safe handling of this product can be found in the Material Safety Data Sheet. Local regulations concerning the safe handling of epoxy resin based coating materials must be observed.

Suitable protective clothing including suitable eye protection must be worn.

Disclaimer

All information in this technical data sheet is based on our current knowledge and experience. This does not release the applicator from performing their own tests as many application factors, beyond our control, affect the application of our product. No guarantee of characteristics or suitability for a special purpose can be derived from this information. All present data, descriptions, drawings, photos, ratios, weights etc. are subject to change without prior notice and do not represent contracted characteristics of the product.

Due to different materials, sub-bases and working conditions, no guarantee of an application result or any liability claims can be derived from these details or from an unwritten technical advice except for liability claims based on:

- damage to life, body or health resulting from a negligent violation of obligations or a deliberate or negligent violation of obligation of a legal representative or assistant and

- if we are charged with intention or gross negligence.

The user has to test the products for their intended use. The user is responsible for following existing laws and orders and for observing third party trade mark rights.

As all VIACOR data sheets are updated on a regular basis it is the users responsibility to obtain the most recent issue (see www.viacor.de or contact us directly).

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