

VIASOL PU-S620 Technical Data Sheet

Product 02062000 2-C-PU sealer, colour-stable, weather resistant, coloured, matt

1 General Data

Fields of application

VIASOL PU-S620 is used as solvent containing, coloured sealer for hardelastatic and elastic coating systems based on PU-resins.

Product Description

VIASOL PU-S620 is a pigmented, wear resistant two component PUR sealing based on high quality aliphatic PUR resin.

The product is colour stable and weather resistant and shows good resistance to fuels and lubricants, most solvents and many other chemicals. Exposure to chemicals may lead to optical discoloration that will not affect the technical usability of the flooring (see chemical resistance list).

Dark and highly pigmented colours can show shades or slight structures at the surface even though application is done properly. This is system immanent and does not have a negative impact on product properties. In case of doubt, make a test area for better judgement.

(A) Technical Data

<i>Mixture (A+B)</i>	
1. Solids content	approx. 61 %
2. Density (20°C)	1.23 g/cm ³
3. Viscosity (20°C)	ca. 200 mPas
4. Packaging size (2-component container)	12 kg (9.3 kg A + 2.7 kg B)
5. Colour	VIASOL standard coloured matt
6. Shelf life	12 months in closed original container
7. Storage	Dry at 10 - 25°C, avoid direct sunlight

Properties

- Wear resistand
- high UV- and colorstability
- hard-elastic
- good chemical resistance
- contains solvents, rather for outdoor application)

Care and maintenance

For a long-term preservation of the properties of resin floors, we recommend a regular cleaning and care programme. For further details see our VIASOL Care and Maintenance Guide. Before first use we recommend to perform a basic cleaning and initial care.

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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Manufacturer:

VIACOR Polymer GmbH, Hohenneuffenstr. 14, D-72622 Nürtingen, fon +49/7022-217900, 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. All traces of contaminants such as oils, fats, greases, paint residues, chemicals, algae and laitance should be removed.

The sealer is applied on VIASOL EP- or PU-top coatings. VIASOL EP-S620 must be applied no later than 24 hours after the previous layer has been laid.

Application

VIASOL PU-S620 is delivered in 2 component containers in the right mixing ratio. The A-component must be stirred for at least 1–2 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. We recommend the application by equal batch numbers.

VIASOL EP-S620 is poured onto the surface and spread over the entire area using a rubber squeegee. Then it is rolled with a roller in a criss-cross manner. The operative wears spiked shoes to walk on the still wet coating. The formation of puddles should be avoided. As finish we recommend to roll in one direction with a wide short-pile mo-hair roller.

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

Overcoating

It is not necessary to abrade the surface if the following coat is applied within 24 h. After 24 h, the application can only take place after a careful grinding of the surface.

(C) Technical Data

Liquid mixture (A+B)

1.	Mixing ratio A : B	100 : 29 (% by weight)
2.	Material consumption	130 – 200 g/m ²
3.	Working time (20°C)	approx. 50 min.
4.	Application temperature	10–25°C (min. 3°C above dew-point)
5.	Relative humidity	max 85%
6.	Foot traffic (20°C)	after approx. 24 hours
7.	Following layer (20°C)	within 18–24 hours
8.	Fully capable of withstanding stress mechanical (20°C) chemical (20°C)	after 2 days after 7 days

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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 products (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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