

VIASOL PU-L373 Technical Data Sheet

Product 02037300 2 comp. PU pore sealer walls, solvent free, coloured

1 General Data

Fields of application

VIASOL PU-L373 is used as pore sealer for walls. Typical uses are kindergartens, nursery schools, retirement-homes, public buildings etc.

In addition VIASOL PU-L373 is used as pore sealer for primed walls.

Product description

VIASOL PU-L373 is a pigmented, solvent –free 2 comp. PU pore sealer. It can be used as leveling layer (filled) and fine leveling layer (unfilled).

VIASOL PU-L373 is easy to apply. It shows excellent resistance to moisture during the curing phase and a good curing behavior even at low temperatures.

VIASOL systems

VIASOL PU-L373 the pore sealer for:
VIASOL **VERTICAL plano**

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	100 %
2. Density (23°C)	1.30 g/cm ³
3. Viscosity	thixotropic
4. Packaging size (2-component container)	20 kg (15.5 kg A + 4.5 kg B) 10 kg (7.75 kg A + 2.25 kg B)
5. Color	coloured, see VIASOL colour chart
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. Tensile strength (DIN ISO 196/ASTM C109)	>7 N/mm ²
2. Hardness Shore-A (DIN EN ISO 868)	(23°C/50% rel. humidity) A 83
3. Elongation at break (DIN 53504)	>90 %

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

Substrate Preparation

VIASOL PU-L373 is applied on walls which have to be dry, clean and free of loose and brittle particles and substances which impair adhesion such as oil, grease, paint or other contaminants. VIASOL PU-L373 should be applied within 24 hours after the primer.

We recommend to contact our technical support before re-coating old PU coatings.

Application

The product is delivered in ready-to-use 2-component containers in the exact mixing ratio. For application pour component B completely into the container of component A. Use a slow rotating mixer rotating at approximately 300 - 500 rev/min for at least 3 – 4 minutes until the blend is homogeneous and streak free. Ensure that the mixer reaches the sides and bottom areas of the mixing vessel. Pour the mix into another clean container and mix it again for one additional minute. Processing temperature of both components should be between 15°C and 25°C.

The well mixed material is applied on the primed surface of the wall with a flat rubber or metal squeegee.

For the first layer the product is filled with 10% quartz sand 0.1-0.4 mm. After curing the surface has to be ground and cleaned. The second layer is applied unfilled. Material consumption depends on the surface structure of the wall and on the temperature of substrate, ambience and material. Substrate temperatures must not exceed 35°C.

At low temperatures and humidity, the speed of reaction is reduced resulting in a longer pot life, re-coating interval and open time. The speed of reaction is accelerated at high temperatures and humidity and the converse is true. During the first hours after application, the coating has to be protected from direct contact with water.

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

Overcoating

The interval between the application of the pore sealer and further coatings should not exceed 48 hours. In case of longer breaks, the use of a bonding agent is recommended after cleaning thoroughly.

(C) Technical Data		
Liquid mixture (A+B)		
1. Mixing ratio A : B		100 : 29 (by weight)
2. Working time	at 12°C at 23°C at 30°C	ca. 60 min. ca. 45 min. ca. 30 min.
3. Application temperature		10–30°C (min. 3K above dew-point)
4. Permissible rel. humidity		min. 30% – max. 90%
5. Material consumption (according to substrate)		Per layer
	as leveling layer as fine leveling layer	800 – 1000 g/m ² + QS 300 – 500 g/m ²
6. Foot traffic (20°C)		after ca. 10 hours
7. Consecutive layer (20°C)		within 18–24 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 conformity declaration.

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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