

Product 02066700 2-comp. PU sealer, low emission, light-stable, transparent, glossy

1 General Data

Fields of application

VIASOL PU-S667 N is used as UV- and colour stable, transparent seal coat for with coloured quartz sand broadcasted VIASOL and VIASOL **DESIGN** coating systems based on EP-or PU-resins. VIASOL PU-S667 N has a shiny finish.

Product Description

VIASOL PU-S667 N is a low emission, abrasion resistant 2-component PU seal coat based on high quality aliphatic PU resin.

The product is UV- and colour stable, easy to clean and shows good resistance to diluted acids and bases, fuels and lubricants.

VIASOL PU-S667 N has a special binder and is relatively insensitive to skid marks caused by plasticizer migration and other staining material like organic pigments in curry, red beet, coffee, wine etc.

(A) Technical Data

Mixture (A+B)

1. Solids content	>99%
2. Viscosity (23°C)	ca. 500 - 900 mPas
3. Density (20°C)	ca. 1,20 g/cm ³
4. Packaging size (2-component container)	10 kg (4 kg A + 6kg B)
5. Color	transparent
6. Shelf life (20°C)	3 months
7. Storage	Dry at 15 - 25°C in original closed container, avoid direct sunlight

VIASOL System

VIASOL PU-S667 N is the UV- and colour stable, low emission sealer for the VIASOL system:

VIASOL **DESIGN QCV** und **QCV conductive**

VIASOL **DESIGN QNV**

VIASOL **UNIVERSAL SR**

VIASOL **UNIFLEX cuisine SR**



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.

Phone: +49 (0)7472-949990

E-Mail: info@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 seal coat is applied on VIASOL EP- or PU-top wear coats. VIASOL PU-S667 N should be applied not earlier than 24 hours after the previous epoxy layer has been laid.

Application

VIASOL PU-S667 N is delivered in 2 component containers in the right mixing ratio. Then the entire content of the A-component is emptied into the B-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 has to be avoided. The mixture is poured into another container (never use the product directly from the original container) and briefly stirred again.

Application on with coloured quartz sand broadcasted surfaces:

VIASOL PU-S667 N is poured onto the surface and spread over the entire area using a metal trowel or a soft or hard rubber squeegee. If necessary, roll with a short-piled roller (8 mm) immediately after the application in one direction. Avoid formation of puddles.

The **drying time for seams** of the wet sealer at room temperature, (20°C) is approximately **5 minutes**.

Note: During application and curing, no amines (e.g. from Epoxy resins) should be present, as they might interfere with the curing.

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

Over coating

Please contact our technical support.

(B) Technical Data

Liquid mixture (A+B)

1. Mixing ratio A : B	100 : 150 (% by weight)
2. Material consumption	300 – 900 g/ m ²
3. Working time (20°C) drying time for seams	approx. 20 min. approx. 5 min.
4. Application temperature	10–30°C (min. 3°C above dew-point)
5. Relative humidity	40 to max 75%
6. Foot traffic (20°C)	after 24 hours
7. Fully capable of withstanding stress mechanical (20°C) chemical (20°C)	after 4 days after 7 days

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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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.

Deco paint-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).