Product 02025501 1-comp. PU primer for EP and PU, moisture curing, transparent

1 General Data

Fields of application

VIASOL PU-P225 is a moisture curing primer used as bonding agent on VIASOL spray coatings and between sanded EP- or PU-substrates and subsequent layers for better adhesion.

Product description

VIASOL PU-P255 is a low viscosity, transparent, solvent-containing 1 component primer.
VIASOL PU-P255 has outstanding bonding properties on non-absorbent substrates and membranes.
The product is fast-curing, has a lot time range for overcoating and is easy to apply.
VIASOL PU-P255 is moisture curing.

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 7472 94999-0
E-Mail: info@viacor.de

(A) Technical Data	
Liquid	
1. Density (20°C)	approx. 1.03 g/cm^3
2. Solids content	> 60 % by volume
3. Viscosity (20°C)	20-150 mPas
4. Packaging size (1-component container)	24 kg
5. Colour	transparent
6. Shelf life	12 months in closed original container
7. Storage	Dry at 15-25°C, avoid direct sunlight

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 appliction guideline.

Substrate Preparation

The substrate must be load-bearing as well as 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.
Membranes older than 2 weeks must be ground and cleaned before applying the primer.

Application

The required amount of VIASOL PU-P255 is poured into an application container and applied immediately. Avoid mixing in air. Processing temperature should be between 15 – 25°C.

VIASOL PU-P255 is applied onto the pre-treated substrate by roller or brush or spraying. Avoid puddles and apply a thin and uniform layer with 50 – 100 g/m² material consumption. Exceeding this rate can cause foaming and a very slow curing of the material.

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. Direct sunshine shortens the time frames considerably.
After application, the primer has to be protected from direct contact with water in order to avoid intercoat adhesion problems.

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

Overcoating

The next layer should be applied after 1 – 24 hours, when the solvents have evaporated.

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(B) Technical Data

Liquid

1.	Mixing ratio	1 component, moisture curing
2.	Material consumption (depending on substrate)	50 – 100 g/m²
3.	Material temperature during application	15 – 25 °C
4.	Application temperature	5 – 35°C (min. 3 K above dew point)
5.	Relative humidity	min. 40% - max 85%
6.	Overcoating at 20°C and 50% humidity at 10°C and 60% humidity	 after 1-6 hours after 2-12 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 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 characeristics 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 characteritics of the product.
Due to different materials, sub-bases and working conditions, no guaratee 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 vialation 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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