

Product 01471200 2-comp. EP finish for VIASOL**DESIGN**, low odour, transparent

1 General Data

Fields of application

VIASOL EP-T712^{VM} is recommended for use as a transparent finish for VIASOL**DESIGN** SYSTEMS. It is applied as one or several layers.

Applications include public buildings, shops, entrance halls, offices, laboratories, production halls, showrooms, wine cellars and wholesale markets.

Product description

VIASOL EP-T712^{VM} is a transparent, low odour, 2 component epoxy finish based on high quality epoxy resins with a reduced tendency to yellow. It provides a tough, hard wearing, porefree, seamless flooring finish. The coating is robust and easy to clean and maintain.

In general, epoxy resins are not colour stable when exposed to UV light or under the influence of weathering. For grey, blue and light colours, we recommend to apply a colour stable sealer.

(A) Technical data

Liquid mixture (A+B)

1. Solids content	99 %
2. Density (25°C)	1.09 g/cm ³
3. Viscosity (28°C)	300 - 400 mPas
4. Packaging size	10.5kg (7.0 kg A+3.5 kg B)
5. Colors	transparent
6. Shelf life	12 months in closed original container
7. storage	Dry at 10–30°C, avoid direct sunlight

Features & Benefits

Chemical resistant—resists dilute acids and alkalis, aliphatic solvents and commercial cleaning agents

Abrasion / impact resistant – hard wearing and durable

Low / no odour – does not taint food

Solvent free— non-flammable, no fire hazard

VIASOL systems

VIASOL EP-T712^{VM} is the finish for the system:
VIASOL**DESIGN**.

(B) Technical data

Cured material

1. Adhesive strength (DIN ISO 4624)	> 1.5 N/mm ² (concrete failure)
2. Shore D Hardness (DIN EN ISO 4624)	80
3. Water-permeability	impermeable
4. Abrasion resistance	25 mg (Taber)

Care and maintenance

The lifespan and performance of your resin floor can be extended considerably by adopting a regular cleaning and care programme. We recommend the use of an alkaline based cleaning agent.

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 Asia Sdn Bhd directly.

Tel: +603 5131 7777

e-mail: info@viacor.asia

Manufacturer:

VIACOR Asia Sdn Bhd, No. 5 Jalan Sungai Terap 32/182, Bukit Rimau Industrial Park, 40460 Shah Alam, Selangor Darul Ehsan, Malaysia, tel: +603 5131 7777, fax: +603 5131 7878, mail: info@viacor.asia, www.viacor.asia – A division of VIACOR Polymer GmbH Germany

Product 01471200 2-comp. EP finish for VIASOL**DESIGN**, low odour, transparent

2 Application method

Substrate preparation

The surface to which VIASOL is applied must be clean and free of contaminants which may impair adhesion.

Application

Before starting the application, the material temperature must be close to site conditions.

Mix Part A for 1 – 2 minutes. Empty content of Part B into Part A. Mix for 2-3 minutes with a suitable mixer at a speed of 500 rpm to avoid incorporating excessive air. The mixture shall then be emptied into a clean container and mixed for a further minute.

During the application of VIASOL EP-T712^{VM}, the application tools and the clothing worn by the applicators must be absolutely clean to avoid surface contamination. Sealing of a broadcast coating is done by pouring the VIASOL EP-T712^{VM} in portions and spreading it with a mohair roller. Avoid ponding. If necessary apply a number of thin coats.

For cleaning of tools and other contaminations use VIASOL SO-X10 cleaner.

Over-coating

The second coat can be applied within 24 hrs without grinding. If longer, the surface has to be grinded before over-coating.

(C) Technical data

Liquid mixture (A+B)

1. Mixing ratio A : B	2 : 1 by weight (kg)
2. Working time (25°C)	approx. 20 - 25 mins
3. Application temperature:	10 – 30°C (min. 3° above dew point)
4. Material consumption	300 – 700 g/m ²
5. Overcoating (25°C)	within 24 hours
6. Cure time to withstand:	
Foot traffic (25 °C)	after 24 hours
Full cure (25°C)	7 days

Manufacturer:

VIACOR Asia Sdn Bhd, No. 5 Jalan Sungai Terap 32/182, Bukit Rimau Industrial Park, 40460 Shah Alam, Selangor Darul Ehsan, Malaysia, tel: +603 5131 7777, fax: +603 5131 7878, mail: info@viacor.asia, www.viacor.asia – A division of VIACOR Polymer GmbH Germany

Product 01471200 2-comp. EP finish for VIASOL*DESIGN*, low odour, transparent

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.

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.asia).

Manufacturer:

VIACOR Asia Sdn Bhd, No. 5 Jalan Sungai Terap 32/182, Bukit Rimau Industrial Park, 40460 Shah Alam, Selangor Darul Ehsan, Malaysia, tel: +603 5131 7777, fax: +603 5131 7878, mail: info@viacor.asia, www.viacor.asia – A division of VIACOR Polymer GmbH Germany