

VIASOL glass fabric Technical data sheet

Product 0800220x Glass fabric for laminating layers e.g. in VIASOL **UNIVERSAL high-impact**

1 General data

Application

VIASOL glass fabrics are glass fabrics coated with silanes for hand applied laminating layers in epoxy resin coating systems as e.g. in the system VIASOL **UNIVERSAL high-impact**. The glass fabrics are processed with a transparent epoxy binder and over coated. The lamination layers are used for coatings systems with high mechanical loads or as reinforcement on substrates where cracks can appear.

Product description

VIASOL glass fabrics are coated with silanes and available with different grammages. The coating with silane should ensure that the solvent free epoxy resins will have a good wetting and an easy soaking of the fabric structure. The glass fabrics are produced in different grammages, in VIASOL systems mostly fabrics with a grammage of 280 g/m² or 400 g/m² (biaxial) are used.

VIASOL systems

VIASOL glass fabrics are used in the following VIASOL systems:

VIASOL **UNIVERSAL high-impact green line eco**
 VIASOL **UNIVERSAL high-impact**

or in other systems.

Technical support

For further information relating to VIASOL products, please contact VIACOR Polymer GmbH directly.
 Phone: +49 (0)7472-949990
 E-Mail: info@viacor.de

(A) Technical data

Glass fabric (solid product)

1. Rolls	280 g/m ²	Width 1.00 m Lengths 100 m
	400 g/m ²	Width 1.27 m Length 100 m (Other sizes on request)
2. Color		white
3. Best before (20 °C)		12 month
4. Storage conditions		Dry at 10 – 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 Further information

Please see our general applications guidelines.

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.

Processing

VIASOL glass fabric is applied on the prepared (normally primed and levelled) substrate by using a solvent-free, 2-K epoxy Laminating resin e.g. VIASOL EP-L360. It should be ensured that the joints of the fabric overlap (5 - 10 cm overlap). The VIASOL glass fabrics are processed in the fresh resin using a laminating roller (wheel scooter) to remove incorporated bubbles in the laminating layer.

Furthermore, care must be taken that no contamination e.g. cutting residues are introduced in fresh adhesive. This can lead to high spots in the lamination which are visible later.

After application and curing of the laminate layer we recommend to grind the surfaces with a disc grinding machine slightly or to apply a levelling layer.

For cleaning for the tools or other contaminations use VIASOL SO-X10 tool cleaner.

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 cleaning materials must be observed. Suitable protective clothing 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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