

Product 0707110x

Elastic foam mat for VIASOLELASTIC *comfort* systems

1 General data

Application

VIASOL elastic mat is a pre-fabricated elastic mat based foam particles with polyurethane resin binder. The elastic mat is used as an intermediate layer in polyurethane coatings for reduction of impact sound and comfortable walking qualities.

Product description

VIASOL elastic mat is made of foam particles (new and recycled) with PU binder. The elastic mats are produced as rolls in different layer thicknesses.

In VIASOLELASTIC *comfort* systems mostly 4 mm and 6 mm mats are used.

Properties

- crack bridging
- impact sound reducing
- walking comfortable

VIASOL systems

VIASOL elastic mat SBR is the intermediate layer in the systems:

VIASOL *ELASTIC comfort*
 VIASOL *ELASTIC UV comfort*
 VIASOL *ELASTIC SKY comfort*

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

Foam mat

1. Dimensions	Prefabricated rolls Width 1.50 m Length 15 – 20 m (Other sizes on request)
2. Thickness	4 mm 6 mm
3. Colour	coloured
4. Best before (20 °C)	24 months
5. Storage	Dry at 10 – 25° C, avoid direct sun light

(B) Technical data

foam mat

1. Tensile strength (DIN EN ISO 1798)	> 0.25 N/mm ²
2. Elongation (DIN EN ISO 1798)	> 30 %
3. Area weight	ca. 1.2 kg/m ² (4 mm) ca. 1.8 kg/m ² (6 mm)
4. Impact sound reducing (DIN EN ISO 140-8)	ca. 16 dB (4 mm) ca. 20 dB (6 mm) depending on system
5. Thermal resistance (ISO 8302)	0.0480 m ² K/W
6. Thermal conductivity (ISO 8302)	0.1046 W/mK

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 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.

Processing

VIASOL elastic mats are bond onto the prepared, mostly primed substrate by using a solvent free 2 component polyurethane adhesive, e. g. VIASOL PU-B976. Here it must be ensured that between the joints and seams adhesive excess is avoided because this can lead to "hard spots" on the surface. Furthermore, care must be taken that no contaminations like offcuts by cutting the mats are introduced in fresh adhesive. This can lead to high spots in the mat that are visible later.

After about 30 - 45 minutes after applying the mats in the fresh adhesive the entire surface must be rolled with a floor layer roll (weight appr. 40 - 50 kg) so that the mat is pressed into the adhesive bed.

For cleaning of tools and other dirt VIASOL SO-X14 cleaner is recommended.

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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