KLB KÖTZTAL
Lacke + Beschichtungen GmbH

KLB-SYSTEM
Armierungsgewebe VA 1040

Open-meshed reinforcement fabric for reinforcing reactive resin systems to produce crack-bridging, smooth and decorative wall or ceiling coatings

Packaging units

Article no.	Content (kg)	Net weight (kg)	Gross weight (kg)
ZG9000-00	1.00 Rl	8.000	8.000

Product characteristics

Weight per unit area	0,075 kg/m²
Roll width	100 cm
Roll	100 m²
Weight	approx. 8.0 kg
Product size/product length	Roll 100 running metres
Maximum tensile elongation	approx. 4 %

Product description

The reinforcement fabric **KLB-SYSTEM Armierungsgewebe VA 1040** is an open, shift-proof glass fabric used for reinforcement and strengthening reactive resin coating systems. Due to its soft, alkali-resistant finish and the wide mesh opening, the fabric can be incorporated well into reactive resins and coating systems. With a weight of approx. 75 g/m², the thin fabric is extra light and can already be inserted into a primer, undercoat or as a laminate layer. The open mesh structure allows to avoid air pockets, so that the base and top layers are reliably bonded.

KLB-SYSTEM Armierungsgewebe VA 1040 is used for reinforcing coatings and to increase the crack-bridging on elastic coverings. **KLB-SYSTEM Armierungsgewebe VA 1040** can play out its advantages as crack-bridging inlay for reactive resin works on wall and floor coverings.

The non-slip glass fiber grid is particularly suitable for being embedded into stable wall coating compounds, such as **KLB-SYSTEM EPOXID EP 652 W**. The reinforcement fabric is subsequently placed into the fresh resin layer and worked in with a trowel.

The product is resistant to water, aqueous solutions, salts, diluted acids, bases, as well as to petrol, diesel and mineral oil - which makes it the ideal component for chemically-resistant coating systems.

Area of application

- For reinforcing primers and floor coatings.
- For crack-bridging on elastic coatings.
- For the reinforcement of wall and ceiling coatings on substrates at risk of cracking, e.g. prefabricated concrete elements, etc.

Product features

- good processing properties
- crack-bridging
- reinforcing
- tensile strengthened
- non-sliding
- good resistance to water and chemicals
- very economical

Processing

The fleece must be cut to the required surface size beforehand. This is followed by the application of the resin coat, either as priming layer or as coating. The reinforcement fabric is then inserted into the still fresh resin and re-rolled depending on the requirements using a trowel or spiked and laminating roller until fully wetted. Sheets can be laid overlapped. Approximately 10 cm of overlap is recommended here, but thicker ones or double layers can also be made based on the requirements.

Reinforcement of wall coatings

- Prepare the substrate, such as concrete, cement screed, etc. mechanically, for example by shot-blasting. If necessary, proceed with a cavity trowelling.
- Apply the recommended priming resin, e.g. **EP 52 Spezialgrund, EP 55, EP 58**, with a consumption of approx. 0.400 - 0.450 kg/m².
- Apply the wall coating **EP 652 W** with a coating knife or toothed trowel (Rectangular toothing 4 mm, e.g. **Toothed blade R4** or Pajarito TKB-C1), consumption approx. 0.400 - 0.600 kg/m².
- Insert the reinforcement fabric **Armierungsgewebe VA 1040** and smooth the surface with a trowel. For adjacent lanes, the junction area must overlap approx. 5 - 8 cm. Then smooth the surface with a trowel or a surface spatula.
- After hardening, proceed with an intermediate grinding, only then can be applied the subsequent coating layers. The usual time specifications must be observed.

Storage

The rolls must be stored upright and dry. Roll deformation due to load should be avoided. Do not load pallets or store them on top of each other. Protect from moisture and dirt.

Please consider the latest version of this product information on our website.

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