

# KÖSTER

## Glass Fibre Mesh

**Technical guideline / Article number 11.01**  
Issued: 1<sup>st</sup> of November 2005 Draft

### Glass silk fabric for reinforcing coatings

#### Properties

KÖSTER Glass Fibre Mesh is a glass silk fabric with extremely high tear resistance; it is resistant to relocation, plasticizer-free, and resistant to alkalis.

#### Storage

The material can be stored unlimitedly.

#### Technical data

|                                |                               |
|--------------------------------|-------------------------------|
| Colour                         | white                         |
| Weight                         | approx. 75 g / m <sup>2</sup> |
| Tear resistance warp direction | approx. 200 N / cm            |
| Mesh size                      | 6 mm x 7 mm                   |
| Finishing overlay              | > 26 %                        |
| Rupture-load warp direction    | > 900 N / 5 cm                |
| Rupture-load fill direction    | > 1100 N / 5 cm               |

#### Technical guidelines cited

|  |          |       |
|--|----------|-------|
| KÖSTER KBE-Liquid Film                     | Art.-No. | 1.13  |
| KÖSTER Bikuthan <sup>®</sup> 2C Supertight | Art.-No. | 1.14  |
| KÖSTER Bikuthan <sup>®</sup> 1C Supertight | Art.-No. | 1.15  |
| KÖSTER Deuxan <sup>®</sup> 2C Extratight   | Art.-No. | 1.16  |
| KÖSTER Deuxan <sup>®</sup> 1 C             | Art.-No. | 1.161 |
| KÖSTER Dachflex                            | Art.-No. | 7.06  |
| KÖSTER BD 50                               | Art.-No. | 7.09  |

#### Field of application

KÖSTER Glass Fibre Mesh is a reinforcing fabric for reinforcing coatings e. g. made of KÖSTER KBE Liquid Film, KÖSTER Bikuthan<sup>®</sup> 1C and 2C, KÖSTER Deuxan<sup>®</sup> 1C and 2C, KÖSTER BD 50 and KÖSTER Dachflex<sup>®</sup>. The application of KÖSTER Glass Fibre Mesh is predominantly necessary on areas which are exposed to pressurized water and which are in danger of cracking as well as on connections, transitions and fillets.

#### Application

Coatings are applied in several work steps. KÖSTER Glass Fibre Mesh is embedded into the first still fresh layer using a plastering trowel. Subsequently, it is covered with further layers.

For the layer thicknesses in which the materials have to be applied, please refer to the respective technical guidelines. Make sure installed sheets of KÖSTER Glass Fibre Mesh overlap each other by at least 5 cm.

#### Packaging

|                           |                |               |
|---------------------------|----------------|---------------|
| 100 m <sup>2</sup> rolls; | width: 100 cm, | length: 100 m |
| 100 running-meter rolls;  | width: 35 cm,  | length: 100 m |

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