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a.b.e.® Construction Chemicals

abe.®flex Polymer bonded E-glass yarn

ALKALI RESISTANT E-GLASS FIBREGLASS MESH

DESCRIPTION

abe.®flex, is a scrim, E-glass roving yarn that is bonded and coated with a special alkali resistant polymer. **abe.®flex** is a versatile force of reinforcement that will increase the coating strength and reduce cracking.

USES

- In adhesive for fixing mosaics
- Integral support in **dura.®flex** applications
- Underfloor heating applications
- Thin set mortar applications
- Decorative concrete mortar applications
- Plaster skim coats
- Information supplied is for general guidance, the user will be obliged to determine the suitability for the intended use and therefore no liability can be accepted.

ADVANTAGES

- Excellent adhesion and bond strength.
- Easy to apply, high production rate.
- Alkali resistant
- Reduces mortar sagging
- Does not corrode
- Lightweight reinforcement
- Resistant to heat
- Good chemical resistance
- Able to maintain strength over a wide range of conditions
- Cost effective
- Low product wastage due to the process
- Increases coating strength and reduces cracking

TYPICAL PROPERTIES

Colour	Off white
Typical tensile strengths	Warp & Weft – 10 kN/m
Elongation	Warp & Weft - <3.5%
Warp Ends	4.0 cm (+0.2)
Weft Picks	4.0 cm (+0.2)
Aperture size	175 mm*
Fresh wet density	1.8 mm x 1.8 mm
Average Mass	66 g/m2 (+5.5%)
Sizing	Silane

APPLICATION

Apply a wet coat of **dura.®flex** and embed the **abe.®flex** membrane into the surface followed by a top coat. All subsequent coats of **dura.®flex** need to be applied as per the data sheet.

abe.®flex may also be applied in other plaster thin set coatings or decorative coatings like the **CHRYSO® Béton Ciré** range.

Always ensure that both side and end laps are greater than 50 mm.

PACKAGING

abe.®flex is supplied in:

50m x 1m rolls (code: 13501271)

HANDLING AND STORAGE

abe.®flex has a shelf life of 24 months if kept in a dry, cool store in the original, unopened packs. If stored at high temperatures and/or high humidity conditions, the shelf life may be reduced.

HEALTH AND SAFETY

See the MSDS for further details, always use the appropriate protective equipment and clothing.

IMPORTANT NOTE

This data sheet is issued as a guide to the use of the product(s) concerned. Whilst **a.b.e.® Construction Chemicals** endeavours to ensure that any advice, recommendation, specification or information is accurate and correct, the company cannot – because **a.b.e.®** has no direct or continuous control over where and how **a.b.e.®** products are applied – accept any liability either directly or indirectly arising from the use of **a.b.e.®** products, whether or not in accordance with any advice, specification, recommendation, or information given by the company.

FURTHER INFORMATION

Where other products are to be used in conjunction with this material, the relevant technical data sheets should be consulted to determine total requirements. **a.b.e.® Construction Chemicals** has a wealth of technical and practical experience built up over years in the company's pursuit of excellence in building and construction technology.

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a.b.e.® is an ISO 9001:2015 registered company
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