a.b.e.® Construction Chemicals

abedex® F SR
Mineral Slate

ELASTOPLASTOMERIC COMPOUND (BPP). THE REINFORCED IS MADE UP OF POLYESTER UN-WOVEN FABRIC REINFORCED WITH FIBREGLASS STRANDS

DESCRIPTION

abedex F SR membrane is manufactured from a compound of distilled bitumen and elastoplastomeric polymers. After mixing, the characteristics of the polymers are dominant and are evenly dispersed throughout the matrix.

abedex F SR membrane has excellent stability at both high and low temperatures and possesses good longevity.

The embossing assists in the rapid burn off of the polyethylene film in the torching operation and allows good vapour diffusion.

abedex F SR membrane has slate granules applied to the upper surface of the membrane during the manufacturing process.

USES

- Normally used in an exposed waterproofing system.
- The mineral surface should be used as the upper membrane in a two layer system acting as a capping or weathering sheet.

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

- The substrate is to be clean, dry and free of any dust, grease, oils or loose debris. The substrate is to be of a smooth and even condition being free of protrusions or voids.
- Coves or fillets are to be installed at all internal angles.
- Screed to falls of 1:80.

PRIMING

- Apply **bitu.prime** primer on substrates to receive membrane.
- Allow to flash off or dry.

APPLICATION/BONDING

- Avoid rough handling, especially at low temperatures below 5 °C. Work must be stopped at temperatures below -2 °C.
- Our standard application of the membrane requires that the product be fully bonded by heat fusion to the primed substrate by heat fusion.
- If a two layer membrane system is to be fitted the upper membrane must be laid with staggered side and end laps.
- We recommend side laps to be minimum of 75 mm and end laps to be a minimum of 100 mm.
- A round nosed trowel and gas torch to be used when installing the membrane ensure adequate bonding of the laps.

MINERAL SLATE PROTECTION

- Slate granules are applied during the manufacturing process to the weathering surface of the membrane. An attractive finish results and reduced maintenance costs can occur. There is the further value of protection from the damaging effects of ultra violet rays.

PROPERTIES

Reinforcement	Surface finish	Thickness	m²/ Pallet	Weight
Polyester	Slate grandules	4.5 kg	200	45 kg

DIMENSIONAL SPECIFICATIONS

Length	10 m - 1% (UNI EN 1848-1)	Tol. ≥
Width	1 m - 1% (UNI EN 1848-1)	Tol. ≥
Thickness	UNI EN 1849-1	Tol. 0.2 mm
Weight per m²	UNI EN 1849-1	Tol. 10%

TECHNICAL CHARACTERISTICS

Characteristic	Tolerance	
Watertightness (UNI EN 1928)	≥	60 kPa
Cold flexibility (UNI EN 1109)	≤	-10 °C
Dimensional stability L (UNI EN 1107-1)	≥	-0.3%
Flow resistance at high temperature (EN 1110)	≥	120 °C
Flow resistance at high temperature after aging (UNI EN 1296 / UNI EN 1110)	-10 °C	110 °C
Tensile strength L/T (UNI EN 12311-1)	-20 %	500/400 N/50 mm
Elongation at break L/T (UNI EN 12311-1)	-15 v.a.	35 %/40 %
Water vapour transmission (UNI EN 1931)	-	μ20000

MODEL SPECIFICATION

Please contact the **a.b.e.®** technical sales team for a specific project specification (0860 223 773).

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.

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 the years in the company's pursuit of excellence in building and construction technology.
- Please consult our website for our latest datasheets.

90 years of product quality and innovation since 1932

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