

EasyFLEX Reinforcement Mesh

Alkali-resistant reinforcing fiberglass mesh

DESCRIPTION

EasyFLEX Reinforcement Mesh is a system-specific reinforcing fiberglass mesh for universal roofing and construction applications. The mesh material is made of E-glass and is alkali-resistant, slip-resistant, dimensionally stable, and rot-resistant. The product is used as a reinforcement layer between the substrate and EasyFLEX PIB Roofing Membrane in combination with EasyFLEX Adhesive Spray.

KEY BENEFITS

- Alkali-resistant and suitable for demanding environments
- Slip-resistant and dimensionally stable during installation
- Rot-resistant and moisture-resistant fiberglass material
- High tensile strength in both warp and weft
- Low weight and easy handling on site



TECHNICAL INFORMATION

Property	Value
Product type	Reinforcing fiberglass mesh
Material	Fiberglass / E-glass
Application	Reinforcement layer in EasyFLEX system build-ups
Mesh size	Approx. 4 x 4 mm
Area weight	Approx. 160 g/m ²
Width	100 cm ± 2%
Weight tolerance	± 10%
Tensile strength, warp	2000 N / 5 cm (as supplied)
Tensile strength, weft	2000 N / 5 cm (as supplied)
Colour	White
Melting point	Approx. 1,250 °C
Flammability	The fiberglass material is not self-igniting
Impregnation / finish	Water-based dispersion based on butadiene-styrene copolymer

DEVELOPED FOR

Reinforcement between the substrate and EasyFLEX PIB Roof, as well as other system-specific build-ups where additional mechanical strength and stability are required. The product is normally supplied and used in combination with EasyFLEX Adhesive Spray.

DIRECTIONS FOR USE

Ensure that the substrate is clean, dry, and free from dirt, dust, oil, loose paint, wax, and grease. Apply EasyFLEX Adhesive Spray to the substrate in accordance with the applicable instructions, then place EasyFLEX Reinforcement Mesh evenly into the adhesive surface without wrinkles. EasyFLEX PIB Roofing Membrane is installed directly after placement of the mesh material. When installing on insulation, it is always recommended to carry out a preliminary adhesion test with EasyFLEX Adhesive Spray.

STORAGE AND SHELF LIFE

Store dry and protect from moisture, direct heat, and mechanical damage. Avoid dust formation during handling and store the product under clean and dry conditions.

SAFETY AND HANDLING

The product is not classified as hazardous, but glass particles may cause mechanical irritation to skin and eyes. When handling, safety glasses, gloves, and long-sleeved clothing are recommended. Avoid unnecessary dust formation and use mechanical collection or vacuum cleaning during cleanup.

LIMITATIONS

Technical data are based on available product data and apply to the product as supplied. The suitability of the product must always be assessed in relation to the specific construction, substrate, and application.