

BuMaMESH 70

ALKALI-RESISTANT FIBREGLASS MESH REINFORCEMENT FOR WATERPROOFING AND MORTAR LAYERS

PRODUCT DESCRIPTION

BuMaMESH 70 is an alkali-resistant fibreglass mesh woven from glass fibre and coated with a synthetic resin that provides resistance to alkalis in a cementitious environment. The product is used for large-area reinforcement of waterproofing layers, anti-crack membranes and cementitious levelling layers, distributing stress and increasing the crack resistance of the material system after curing.



ILLUSTRATIVE IMAGE Reinforcing a waterproofing layer with BuMaMESH 70



ILLUSTRATIVE IMAGE Mesh embedded in the coating — flat surface, reduced cracking



ILLUSTRATIVE IMAGE Mesh run through to the wall base, wall-to-floor corners sealed with BuMaTAPE before the second coat

USES

- Reinforcement of brush-applied cementitious waterproofing layers such as K11W, K11F, FLEX WP 2K and BuMaLASTIC
- Reinforcement of acrylic and PUA waterproofing membranes such as WALLCOAT, PROOF 668, PUA 680 and EnerSAV
- Reinforcement of levelling mortars and cementitious skim coats (Skim 2in1 IN, Skim 2in1 EX) and treatment of cracks and joints, internally and externally, to limit the formation and propagation of cracks in the finished surface

TECHNICAL DATA

Property	Standard	Result
Weight (g/m²)	–	70 ± 5
Mesh size	–	5 × 5mm
Impregnation content	–	18 ± 1%
Tensile strength	BS EN 12311-2:2000	Weft: ≥ 550N/50mm Warp: ≥ 550N/50mm
Tensile strength after 7 days of immersion in lime water		Weft: ≥ 450N/50mm Warp: ≥ 120N/50mm
Crack bridging ability with BuMaLASTIC (3.0kg/m²)	BS EN 14891:2017	≥ 2.20mm

The above results and recommendations are based on laboratory testing; actual performance may vary depending on the application method and specific site conditions

QUICK SPECIFICATIONS

PACKAGING	1 × 50m/roll
COLOUR	Blue with a white logo
WEIGHT	3.50 ± 0.25kg/roll
SHELF LIFE	Several years when stored in a clean, dry and cool place
STORAGE CONDITIONS	Cool, dry and shaded place

SAFETY INFORMATION

- **Skin and eyes:** alkali-resistant glass fibre mesh may cause mild to moderate irritation on direct contact, particularly with prolonged rubbing; sensitive individuals may experience itching and redness; dust or loose fibres cause temporary grittiness, stinging and redness of the eyes
- **Eye contact:** rinse immediately under gently running clean water for at least 10 - 15 minutes, blinking continuously to remove adhering fibres; do not rub the eye; seek medical attention if pain or redness persists
- **Protective equipment:** Gloves when cutting, laying and handling the mesh · Safety goggles where dust or fibres may enter the eyes · Long-sleeved protective clothing and long trousers
- **Working environment:** work in a well-ventilated area and limit inhalation of fibre dust when cutting or handling mechanically; do not leave offcuts, loose fibres or packaging where they create slip or trip hazards
- **Storage and surplus material:** keep away from flame and heat sources, which deform the mesh and reduce its performance; collect offcuts and packaging and dispose of them in accordance with construction waste regulations
- Refer to the latest **Safety Data Sheet (SDS)** on the official BUMATECH website, or contact the technical department

PRECAUTIONS & DISCLAIMER

- Apply only at ambient temperatures of 8 - 35°C onto a dry surface free of dirt, oil, grease and contaminants that reduce adhesion; keep the product away from heat sources during storage and application
- BuMaMESH 70 must be used together with a suitable waterproofing layer or mortar/skim coat in accordance with the instructions for each system — refer to the TDS of the waterproofing or surfacing product before application
- Wear gloves and safety goggles during application to avoid mechanical injury from glass fibres
- The figures in this document were established by laboratory testing under standard conditions; actual values vary with temperature, humidity, accompanying materials, application method and workmanship. The user is responsible for verifying suitability for the intended use
- BUMATECH accepts no liability for loss arising from misuse, application contrary to these instructions, or combination with incompatible materials not confirmed in writing, and reserves the right to update technical information without prior notice. Check the latest TDS version on the website before every project

BUMATECH CO., LTD

Head Office: 154/1/5 Cong Lo, Tan Son Ward, Ho Chi Minh City
Office: 91 Hoang Bat Dat, Tan Son Ward, Ho Chi Minh City
Factory: 820 Ap Chanh, Duc Lap Commune, Tay Ninh Province

TECHNICAL 0979 793 804
SALES 0914 765 778
bumagreen@bumatech.com.vn
www.bumatech.vn

BuMaMESH 70 | BROCHURE WATERPROOFING | COMPANY PROFILE BUMATECH