QUICK ANSWERS

The 6 questions applicators ask most

How is this mesh different from ordinary mesh?

Woven from glass fibre and **coated with an alkali-resistant synthetic resin**, so the cementitious environment does not attack it. After 7 days of immersion in lime water it still retains **≥ 450N/50mm** in the weft direction.

How far does one roll go?

Roll **1 × 50m**, i.e. 50m² before deducting overlaps. Roll weight **3.50 ± 0.25kg**.

Which systems is it used with?

Cementitious waterproofing **K11W** · **K11F** · **FLEX WP 2K** · **BuMaLASTIC**; acrylic and PUA membranes **WALLCOAT** · **PROOF 668** · **PUA 680** · **EnerSAV**; levelling mortars and skim coats **Skim 2in1 IN** · **Skim 2in1 EX**.

Indoors or outdoors?

Both. Apply at ambient temperatures of **8 - 35°C**, onto a dry surface free of dirt, oil, grease and contaminants that reduce adhesion.

How wide a crack can it bridge?

Crack bridging ability **≥ 2.20mm** when combined with **BuMaLASTIC** at 3.0kg/m².

How should it be stored?

Kept in a clean, dry and cool place, it lasts **several years**. Keep it away from heat sources both in storage and during application — heat deforms the mesh.

More questions? **Scan the Zalo OA code on the back cover** — a BUMATECH engineer will assist you directly during working hours.

BUMATECH

Tile Adhesive • Waterproofing • Dry Mix • Construction Chemicals

BUILD BETTER · LIVE GREENER

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WHICH SYSTEMS IT REINFORCES

Cement-based: K11W · K11F · FLEX WP 2K · BuMaLASTIC. Acrylic and PUA: WALLCOAT · PROOF 668 · PUA 680 · EnerSAV. Mortars and skim coats: Skim 2in1 IN · Skim 2in1 EX.

PRODUCT CLASSIFICATION

Alkali-resistant fibreglass mesh coated with synthetic resin — always used with a suitable waterproofing, mortar or skim coat

BUMA-WP · WATERPROOFING

ALKALI-RESISTANT FIBREGLASS MESH

BuMaMESH 70

Alkali-resistant fibreglass mesh, 70g/m², 5 × 5mm openings — reinforces waterproofing layers, levelling mortars and cementitious skim coats.

- 70g/m² · MESH 5 × 5mm
- ALKALI-RESISTANT
- ROLL 1 × 50m

CRACK BRIDGING

2.20

mm or more

with BuMaLASTIC 3.0kg/m²



550

N/50mm · tensile strength, both directions

BUILD BETTER
LIVE GREENER

01 WHY BuMaMESH 70?

Waterproofing cracks when its substrate cracks. Embedded between two coats, the alkali-resistant mesh spreads the stress so substrate cracks do not run straight through to the finished surface.

ALKALI-RESISTANT

Coated with a synthetic resin that resists alkalis in a cementitious environment; after 7 days of immersion in lime water it still retains ≥ 450N/50mm in the weft direction

CRACK BRIDGING ≥ 2.20mm

Measured in combination with **BuMaLASTIC** at 3.0kg/m² — spreads stress and limits cracks reaching the finished surface

ONE MESH, THREE SYSTEMS

Cementitious waterproofing · acrylic and PUA membranes · levelling mortars and skim coats — no need to change mesh from system to system

02 STANDARDS & TEST RESULTS

TDS BUMATECH 2026.10

Property	Standard	Result
Weight	—	~ 70 ± 5g/m²
Mesh size	—	5 × 5mm
Impregnation content	—	18 ± 1%
Tensile strength, weft	BS EN 12311-2:2000	≥ 550N/50mm
Tensile strength, warp	BS EN 12311-2:2000	≥ 550N/50mm
Tensile strength, weft, after 7 days in lime water	BS EN 12311-2:2000	≥ 450N/50mm
Tensile strength, warp, after 7 days in lime water	BS EN 12311-2:2000	≥ 120N/50mm
Crack bridging, with **BuMaLASTIC** 3.0kg/m²	BS EN 14891:2017	≥ 2.20mm

*Data per TDS **BuMaMESH 70** v2026.10 — laboratory test results; actual performance may vary depending on the application method and site conditions.*

03 TECHNICAL DATA

70 g/m² weight	**5 × 5** mm mesh size	**550** N/50mm tensile strength
1 × 50 m per roll	**3.50** kg per roll	**2.20** mm crack bridging

Blue with a white logo · Roll weight 3.50 ± 0.25kg · Tensile strength ≥ 550N/50mm in both directions · Shelf life several years when stored in a clean, dry and cool place.

04 SCOPE OF USE

- ✓ Reinforcement of brush-applied cementitious waterproofing: K11W · K11F · FLEX WP 2K · BuMaLASTIC
- ✓ Reinforcement of acrylic and PUA waterproofing membranes: WALLCOAT · PROOF 668 · PUA 680 · EnerSAV
- ✓ Reinforcement of levelling mortars and cementitious skim coats: Skim 2in1 IN · Skim 2in1 EX
- ✓ Treatment of cracks and joints, indoors and outdoors

Apply only at ambient temperatures of 8 - 35°C onto a dry surface free of dirt, oil, grease and contaminants · The mesh must be combined with a suitable waterproofing, mortar or skim coat, following the instructions of each product system.

05 APPLICATION IN 6 STEPS



1 Measure and cut to width



2 Brush on the first coat



3 Lay mesh in the wet coat



4 Smooth flat, no air pockets



5 Overlap as specified



6 Brush on the second coat

The mesh has no coverage rate of its own — **overlaps, number of coats and coverage follow the TDS of the waterproofing or mortar used with it**, see the compatible systems in section 04 and on the back cover.

> **Key reminders:** The mesh must be used with a suitable waterproofing, mortar or skim coat — read the TDS of the coating product before starting · Lay the mesh while the coat is still wet · Apply only at 8 - 35°C onto a dry surface free of dust and oil · Wear gloves and safety goggles when cutting the mesh