QUICK ANSWERS

The 6 questions applicators ask most

Does it need mixing?

No. **PROOF 668** is a **one-component** water-based acrylic waterproofing: open the pail, stir at low speed until uniform and apply straight away — nothing to weigh or mix.

How many coats are enough?

At least **2 coats**, each coat **at right angles** to the previous one, and the **full coverage**: **0.6 - 0.9kg/m²** external walls; **1.2 - 2.0kg/m²** metal roofs; **2.4 - 3.0kg/m²** concrete roofs. No more than 0.5kg/m² per coat.

How long between coats?

Wait **20 to 45 minutes** depending on sun and wind — recoat when touch dry. Do not apply when rain is expected or the surface is still wet.

Do large decks need reinforcement?

On flat decks over 200m², lay **BuMaMESH** mesh into the wet coat. At wall-floor corners and cracks apply **BuMaTAPE** elastic tape with **BuMaJOINT AC**.

How soon can I flood test or tile?

Flood test after **3 to 7 days**. Before screeding or tiling on top of the membrane, wait at least **7 days** for the membrane to gain strength.

Where should it not be used?

Areas with negative hydrostatic pressure, movement joints, cracks wider than **1.0mm** and lightweight AAC concrete — these need another dedicated BUMATECH solution; contact technical support for advice.

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

MEMBER

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820 Ap Chanh, Duc Lap Commune, Tay Ninh Province

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EPD INTERNATIONAL EPD SYSTEM

EPD-IES-0028329
Environmental Product Declaration (ISO 14025 · EN 15804) — registered for PROOF 668

In compliance with European standard EN 14891 DMP

In compliance with European standard EN 1504-2 (C) PI-MC-PR

PRODUCT CLASSIFICATION
Liquid-applied waterproofing
EN 14891 class DMP · Concrete protective coating EN 1504-2 (C)

Hotline 0979 793 804 · BUMATECH.VN

BUMA-WP · WATERPROOFING

WATERPROOFING FOR EXPOSED ROOF DECKS

PROOF 668

One-component, high-elasticity acrylic waterproofing — roll it on and it seals, UV resistant, left exposed with no protective topcoat.

EN 14891 DMP

WATERTIGHT AT 150kPa

UV RESISTANT, EXPOSED

ENVIRONMENTAL DECLARATION
EPD
INTERNATIONAL EPD SYSTEM
EPD-IES-0028329
ISO 14025 · EN 15804



350%
elongation at break at ≥ 2.0kg/m² (ASTM D412)

BUILD BETTER
LIVE GREENER

01 WHY PROOF 668?

Roof decks take sun and rain all year round. **PROOF 668** forms a **seamless** elastic membrane with no joints — when the substrate cracks slightly, the membrane stretches and water has no way in.

ELONGATION 350%

At ≥ 2.0kg/m² per TDS — moves with the structure; substrate cracks wider than 1.0mm must be treated first

UV RESISTANT, EXPOSED

UV-resistant and anti-ageing additives — for exposed surfaces with no additional protective coating

ONE COMPONENT

Open, stir and apply — nothing to weigh or mix

02 STANDARDS & TECHNICAL PROPERTIES

BS EN 14891:2017 · DMP | EN 1504-2 (C) | ASTM D7234-21 | ASTM D412-16(2021)

Property	Standard	Result by coverage	
		0.6 - 0.9kg/m²	≥ 2.0kg/m²
Adhesion strength to concrete after 28 days	ASTM D7234-21	≥ 1.2MPa	
Adhesion strength after 28 days of heat aging	ASTM D7234-21	≥ 2.5MPa	
Maximum tensile strength	ASTM D412-16(2021)	≥ 2.5MPa	
Elongation at break after 28 days	ASTM D412-16(2021)	200% ± 20%	350% ± 35%
Watertightness (150kPa for 7 days)	BS EN 14891:2017	No penetration	
Crack bridging ability	BS EN 14891:2017	≥ 3.5mm	≥ 5.0mm

*Data per TDS **PROOF 668** v2026.10 — laboratory test results.*

03 TECHNICAL DATA

0.6 - 0.9 kg/m² · external walls	**2.4 - 3.0** kg/m² · concrete roofs	**20 - 45** min between coats
3 - 7 days to flood test	**150** kPa watertight	**05 - 20** kg per pail

*Test results per TDS 2026.10 by coverage: At **0.6 - 0.9kg/m²** elongation 200% ± 20% and crack bridging ≥ 3.5mm; at **≥ 2.0kg/m²** elongation 350% ± 35% and crack bridging ≥ 5.0mm. Metal roofs 1.2 - 2.0kg/m². Stir before use; no more than 0.5kg/m² per coat, each coat at right angles to the last. Do not apply when substrate moisture exceeds 6% or the surface temperature is below dew point + 3°C. Shelf life 24 months · white, grey and custom colours.*

04 SCOPE OF USE

- ✓ Concrete roofs, exposed roof terraces, gutters; metal roofs
- ✓ External walls, façades, basement walls
- ✓ Balconies, planters; precast concrete elements, wall panels
- ✓ Concrete in marine, chloride and sulphate environments



COMPLETE SYSTEM: Prime with **PRIMER F** + **PROOF 668** + **BuMaJOINT AC** / **BuMaTAPE** details + BuMaMESH mesh — a complete roof waterproofing system from one factory.

05 APPLICATION IN 10 STEPS


1 Check weather, measure moisture


2 Clean and lightly roughen


3 Fill cracks, apply BuMaTAPE


4 Pipe collars · BuMaTAPE corners


5 Prime with PRIMER F


6 Stir the product


7 Roll the first coat



8 Reinforcing mesh (> 200m²)


9 Next coat at right angles


10 Flood test after 3 - 7 days

Key reminders: Apply the full number of coats at full coverage per the technical data · No more than 0.5kg/m² per coat · Do not apply when rain is expected