QUICK ANSWERS

The 6 questions applicators ask most

How many coats, and how much per coat?

At least **2 coats**, each coat **at right angles** to the previous one, and the **full coverage**: **0.3 - 0.6kg/m²** on previously painted walls; **0.6 - 0.9kg/m²** on new walls. Each coat **no more than 0.5kg/m²**; wait 20 - 45 minutes until touch dry before the next coat.

Can it go over old paint?

Yes, if the old paint **is still sound and not flaking**. Scrape off flaking areas, then clean and lightly roughen first.

Is a primer needed?

Yes — step 4 applies a primer coat to improve adhesion, especially on render that is still damp. Use **PRIMER W**.

Can it take direct sun and rain?

Yes. It contains **UV-resistant and anti-ageing additives**, keeping waterproofing stable outdoors.

How much crack bridging?

Crack bridging ability **≥ 2.5mm** (tested to BS EN 14891), elongation **100% ± 15%** — covers micro-cracks. Substrate cracks wider than **1.0mm** must be treated before rolling.

Which substrates are suitable?

Cast in-situ or ready-mix concrete · cement render ≥ 10MPa · cementitious or bituminous waterproofing still well bonded · previously painted walls that are still sound.

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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EN 14891 DMP
Liquid-applied polymer dispersion waterproofing applied on the substrate — tested to BS EN 14891:2017. Laboratory test results, see the table in section 02.

PRODUCT CLASSIFICATION
Liquid-applied waterproofing
EN 14891 class DMP

ELASTIC WALL WATERPROOFING

WALLCOAT

UV-resistant acrylic waterproofing coating — forms a seamless elastic membrane that covers micro-cracks and keeps external walls watertight.

EN 14891 DMP

ELONGATION 100%

CRACK BRIDGING ≥ 2.5mm

PRODUCT CLASSIFICATION

In compliance with European standard EN 14891 DMP — Liquid Applied Water Impermeable Products

EN 14891 DMP



100%
Elongation at break (ASTM D412)

BUILD BETTER
LIVE GREENER

01 WHY WALLCOAT?

External walls take the full brunt of sun, rain and industrial emissions. **WALLCOAT** forms a **seamless elastic acrylic membrane** — covering micro-cracks, keeping water out and limiting corrosive agents, so façades stay good-looking for longer.

ELONGATION 100%

Elongation at break after 28 days 100% ± 15% — the membrane moves with the structure

CRACK BRIDGING ≥ 2.5mm

Tested to BS EN 14891:2017 — substrate cracks wider than 1.0mm must be treated before rolling

LONG-TERM UV RESISTANCE

UV-resistant and anti-ageing additives — durable in harsh weather, keeping façades looking good

02 STANDARDS & TECHNICAL PROPERTIES

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

Property	Standard	Result*
Adhesion strength to concrete after 28 days	ASTM D7234-21	≥ 1.5MPa
Adhesion strength after 28 days of heat aging	ASTM D7234-21	≥ 2.0MPa
Maximum tensile strength	ASTM D412-16(2021)	≥ 2.5MPa
Elongation at break after 28 days	ASTM D412-16(2021)	100% ± 15%
Watertightness (150kPa for 7 days)	BS EN 14891:2017	No penetration
Crack bridging ability	BS EN 14891:2017	≥ 2.5mm

** Results at 0.6kg/m² — data per TDS **WALLCOAT** v2026.10, laboratory test results.*

03 TECHNICAL DATA

0.6 - 0.9 kg/m² new walls	**2** coats minimum	**0.5** kg/m² max per coat
150 kPa watertight	**05 - 20** kg per pail	**24** months shelf life

*Coverage per TDS 2026.10: **0.3 - 0.6kg/m²** on previously painted surfaces, **0.6 - 0.9kg/m²** on new walls. Test results in the table are at 0.6kg/m². White, grey and custom colours. No more than 0.5kg/m² per coat, each coat at right angles to the last, recoat only when touch dry.*

04 SCOPE OF USE

- ✓ External walls of residential and high-rise buildings
- ✓ Factory walls in industrial zones with emissions and corrosive agents
- ✓ Refurbishing previously painted walls that have cracked and leak
- ✓ A protective membrane limiting water, moisture and polluting gases



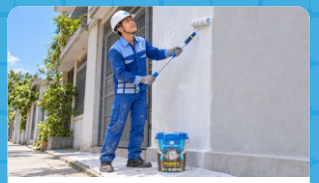
COMPLETE SYSTEM: Prime with **PRIMER W**, then coat with **WALLCOAT** — the exterior-wall pair, made in one factory.

05 APPLICATION IN 8 STEPS


1 Check the wall and weather


2 Clean and lightly roughen


3 Treat cracks, pinholes and joints


4 Apply primer for adhesion


5 Stir the product


6 First coat ≤ 0.5kg/m²


7 Next coat at right angles


8 Cure and check

Key reminders: No more than 0.5kg/m² per coat · Each coat at right angles to the last · Do not apply when rain is expected