QUICK ANSWERS

The 6 questions applicators ask most

Why prime at all?

Fresh render carries plenty of free calcium ions. **PRIMER MOI reacts with and locks those ions**, blocking salts from rising into the coating — so coloured waterproofing does not chalk, fade or bloom white.

How soon after rendering can I prime?

3 days for site-mixed mortar, **1 day** for factory dry-mix mortar **Sc 100** · **Sc 150** · **Sc 200**. Factory dry-mix has a plant-controlled water/cement ratio, so there is less free water.

Can the waiting time be skipped?

No. The product shortens the wait, it does not remove it. Applying on a substrate younger than the age in the table is **not covered by warranty**.

Can I prime a damp substrate?

A **surface-damp** substrate is fine; a **wet or saturated** one is not. Rising damp must be dealt with at source first — check to ASTM D4263-24.

How many coats, how long to wait?

1 - 2 coats, at 0.3kg/m², drying **1 - 2 hours** per coat. Apply thin and even by roller or spray, avoiding pooling and air bubbles.

Which waterproofing can go on top?

Acrylic and PU waterproofing: **WALLCOAT**, **PROOF 668**, **EnerSAV**, **SolarSHIELD**, **PUA 680**. Vapour-tight PU coatings need extra time for the substrate to release moisture.

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

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COMPATIBLE BUMATECH WATERPROOFING SYSTEMS
Acrylic and PU: WALLCOAT · PROOF 668 · EnerSAV · SolarSHIELD · PUA 680. Vapour-tight PU coatings need extra time for the substrate to release moisture — consult the technical department.

PRIMER FOR WALL WATERPROOFING
Water-based styrene-acrylic primer — locks calcium ions, used before waterproofing on young render

BUMA-WP · WATERPROOFING

PRIMER FOR WALL WATERPROOFING

PRIMER MOI

Water-based styrene-acrylic primer — locks calcium ions in young render so waterproofing can go on sooner, without chalking or fading.

- LOCKS CALCIUM IONS
- WATER-BASED
- 0.3kg/m²

EQUIVALENT COVERAGE

~ 3.3

m² per kg

1 - 2 coats · roller or spray



~ 3.3
m² per kg — equivalent coverage

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01 WHY PRIMER MOI?

Fresh render still holds free calcium ions and water. Coat coloured waterproofing too early and salts rise with the moisture and settle on the coating — white streaks, chalking, fading. **PRIMER MOI reacts with the active calcium ions in the substrate**, forming a barrier against ion and salt migration.

COAT SOONER

Shorter substrate age before waterproofing — 3 days for site-mixed mortar, 1 day for factory dry-mix

LOCKS CALCIUM IONS

Hydrophobic styrene-acrylic binder absorbs alkali ions, stopping salts migrating into the coating above

KEEPS THE COLOUR

Prevents chalking, fading and white bloom on coloured waterproofing

02 SUBSTRATE AGE & REQUIREMENTS

ASTM D4263-24 | Water-based | Styrene-acrylic | 8 - 35°C

Item	Substrate requirement
Site-mixed mortar	**Minimum substrate age 3 days**
Factory dry-mix mortar Sc 100 · Sc 150 · Sc 200	**Minimum substrate age 1 day**
Surface	Render, plaster and cementitious surfaces, sound and clean
Surface moisture	Touch-dry, no standing water during application
Rising damp	Check to ASTM D4263-24 — 45 × 45cm polyethylene sheet, after 16 hours
Substrate temperature	8 - 35°C; wait longer in damp locations or prolonged rain
Cracks and defects	Made good before priming

03 TECHNICAL DATA

0.3 kg/m² consumption	**~ 3.3** m² per kg coverage	**1 - 2** coats
1 - 2 hours drying per coat	**18** kg per pail	**12** months shelf life

Milky white · specific gravity 1.2 · applied by roller or spray. Store in a cool, dry, shaded place and reseal the pail after use; shelf life 12 months unopened. Shake or stir well before use for a uniform solution.

04 SCOPE OF USE

- ✓ Primes young render and plaster before waterproofing
- ✓ Locks free calcium ions, stopping salts migrating into the coating
- ✓ Prevents chalking, fading and white bloom on coloured coatings
- ✓ Binds fine dust and improves adhesion of the next layer





COMPLETE SYSTEM: Prime with **PRIMER MOI**, then coat with **WALLCOAT** — the pair for freshly rendered exterior walls, made in one factory.

05 APPLICATION IN 8 STEPS


1 Check substrate age


2 Test rising damp


3 Clean the surface


4 Repair cracks


5 Stir the product


6 Roll or spray primer


7 Dry 1 - 2 hours


8 Apply waterproofing

Key reminders: Shortens but does NOT remove the wait — substrates younger than the stated age are not under warranty · Never prime over standing water or rising damp · Blocks ion and salt migration, it is not a barrier against negative water pressure