QUICK ANSWERS

The 6 questions applicators ask most

Why prime at all?

Concrete always carries fine dust. **PRIMER W binds that dust**, strengthens the surface and improves adhesion of the waterproofing on top — skip the primer and the waterproofing bonds to dust, not to the substrate.

How many coats?

1 - 2 coats, at 0.1 - 0.2kg/m². Highly absorbent substrates need more coats per the technical guidance.

How long before waterproofing?

20 - 30 minutes per coat, depending on sun, wind and humidity. The primer must be dry before the next layer.

What must the substrate be like?

Sound, clean, free of oil, grease, paint or curing compounds. Concrete mechanically prepared to **ICRI CSP 2 - 3**, minimum substrate pull-off strength **0.5MPa** to ASTM C1583.

Which materials is it compatible with?

Cementitious waterproofing **K11F**, **K11W**, **FLEX WP 2K**, **BuMaLASTIC** · acrylic and PU: **WALLCOAT**, **PROOF 668**, **EnerSAV**, **SolarSHIELD**, **PUA 680** · cementitious powders **Skim 2in1 IN**, **Skim 2in1 EX**.

Application and storage?

Roller or spray. Shelf life **12 months** in the unopened pail; store in a cool, dry, shaded place and reseal after use.

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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COMPATIBLE BUMATECH WATERPROOFING SYSTEMS
Cementitious: K11F · K11W · FLEX WP 2K · BuMaLASTIC. Acrylic and PU: WALLCOAT · PROOF 668 · EnerSAV · SolarSHIELD · PUA 680. Cementitious powders: Skim 2in1 IN · Skim 2in1 EX.

PRIMER FOR WALL WATERPROOFING
Water-based synthetic resin solution — used before cementitious, acrylic and PU waterproofing and exterior skim coats

BUMA-WP · WATERPROOFING

PRIMER FOR WALL WATERPROOFING

PRIMER W

Water-based synthetic resin solution — treats concrete and cement mortar surfaces before waterproofing systems or exterior skim coats.

ICRI CSP 2 - 3

WATER-BASED

05 - 10m²/kg

EQUIVALENT COVERAGE

05 - 10

m² per kg

1 - 2 coats · roller or spray



05 - 10
m² per kg — equivalent coverage

BUILD BETTER
LIVE GREENER

01 WHY PRIMER W?

Waterproofing is only as durable as what it bonds to. Concrete and cement mortar always carry loose fine dust — **PRIMER W penetrates and binds that dust**, so the next coat bonds to the real substrate.

BETTER TOPCOAT ADHESION
Improves adhesion of the waterproofing or skim coat applied on top

BINDS FINE DUST
Binds surface dust and strengthens the substrate before coating

WATER-BASED
Water-based synthetic resin solution — applied by roller or spray

02 STANDARDS & SUBSTRATE REQUIREMENTS

ICRI CSP 2 - 3 | ASTM C1583 ≥ 0.5MPa | Water-based | Synthetic resin

Item	Substrate requirement
Surface	**Concrete and cementitious surfaces, sound and clean**
Profile	**Mechanically prepared to ICRI CSP 2 - 3**
Pull-off strength	**Minimum 0.5MPa to ASTM C1583/C1583M-25**
Render	Cured ~7 days per 10mm of thickness
Cracks	Treated appropriately before application
Highly absorbent substrate	May need more than one coat

03 TECHNICAL DATA

0.1 - 0.2 kg/m² consumption	**05 - 10** m² per kg coverage	**1 - 2** coats
20 - 30 min drying per coat	**04 · 18** kg per pail	**12** months shelf life

Milky white · specific gravity 1.01 ± 0.01 · applied by roller or spray. Store in a cool, dry, shaded place and reseal the pail after use. Highly absorbent surfaces may need more coats per the technical guidance.

04 SCOPE OF USE

- Binds and consolidates fine dust on the substrate
- Reduces efflorescence and staining of the waterproofing
- Strengthens the substrate surface and improves adhesion of the next layer
- Primes before cementitious, acrylic and PU waterproofing and exterior skim coats



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 substrate


2 Clean the surface


3 Repair defects


4 Stir the product


5 Roll or spray primer


6 Even coat, no pooling


7 Dry as per TDS


8 Apply waterproofing

Key reminders: The substrate must be sound and clean before priming · No pooling, keep the coat even · The primer must be dry before waterproofing