QUICK ANSWERS

The 6 questions applicators ask most

How much water does it need?

The grey 25kg bag needs 6.25 - 6.75L, the white one 6.38 - 6.88L. Pour the powder slowly into the water while mixing at low speed, wait 5 minutes, then remix briefly and it is ready.

What tile sizes will it hold?

Interior and covered exterior floors up to 90×180cm. Walls up to 3m high take 90×180cm tiles indoors and 80×160cm outdoors.

How long is the open time?

30 minutes to EN 12004-1, with 15 minutes adjusting time — enough to lay a whole run of large tiles before aligning the joints.

When can I grout?

Walls after 6 hours, floors after 24 hours. Foot traffic is allowed after 24 hours and the installation is ready to use after 7 days.

How far does one bag go?

Coverage is about 1.25kg/m² per 1mm of adhesive thickness. Recommended thickness is 2 - 15mm, depending on how flat the substrate is.

Where should it not be used?

Walls above 6m and substrates subject to heavy vibration need written technical advice. Everywhere else — including swimming pools, potable water tanks and cemboard — is fine.

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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QUICK COVERAGE — 25kg BAG

1mm layer	2mm layer	3mm layer	5mm layer
20.0m²	10.0m²	6.6m²	4.0m²

Based on 1.25kg/m² per 1mm of thickness, rounded down
Recommended thickness 2 - 15mm

In compliance with EUROPEAN standard EN 12004:2017 C2TE BUMATECH Cementitious adhesive for ceramic tiles

PRODUCT CLASSIFICATION
EN 12004 class C2TE — improved adhesion, extended open time

Hotline 0979 793 804 · BUMATECH.VN

BUMA-TA · TILE ADHESIVE

PREMIUM EXTERIOR TILE ADHESIVE

BuMaBOND

Premium high-polymer tile adhesive — adhesion ≥ 1.7MPa, tiles up to 90×180cm, 30 minutes open time.

- EN 12004-1 · CLASS C2TE
- ZERO VOC CONTENT
- MEETS ANSI A118.4

ENVIRONMENTAL DECLARATION
EPD
INTERNATIONAL EPD SYSTEM
EPD-IES-0028306
ISO 14025 · EN 15804



90×180
Largest interior floor tile format (cm)

BUILD BETTER
LIVE GREENER

01 WHY BuMaBOND?

Large exterior tiles face sun, rain and constant temperature swings. **BuMaBOND** brings a high polymer content and 30 minutes open time for exactly that.

ADHESION ≥ 1.7MPa
28-day adhesion, 1.7 times the 1.0MPa standard minimum

30 MINUTES OPEN TIME
15 minutes adjusting time — lay a whole run of large tiles before aligning the joints

TILES UP TO 90×180cm
Interior and covered exterior floors, no admixture needed

02 STANDARDS & TEST RESULTS

EN 12004-1:2017 · TCVN 7899-2:2008 · EN 12004-2:2017 · ANSI A118.4 · USEPA Method 24

Property	Requirement	BuMaBOND
Adhesion after 28 days	≥ 1.0MPa	**≥ 1.7MPa**
Adhesion after water immersion	≥ 1.0MPa	**≥ 1.4MPa**
Adhesion after heat aging	≥ 1.0MPa	**≥ 1.0MPa**
Adhesion after freeze-thaw cycles	≥ 1.0MPa	**≥ 1.0MPa**
Adhesion after 30-minute open time	≥ 0.5MPa	**Pass**
Slip	≤ 0.5mm	**Pass**
Shear adhesion to porcelain tile	≥ 1.38MPa	**Pass**
Volatile organic compound (VOC) content	≤ 65g/l	**0g/l**

03 TECHNICAL DATA

25 kg per bag	**6.25 - 6.75** L water (grey bag)	**1.25** kg/m² per 1mm layer
2 - 15 mm recommended thickness	**15** minutes adjusting time	**08** hours pot life at 35°C

Grey or white; the white bag needs 6.38 - 6.88L of water · Open time 30 minutes · Substrate temperature 5 - 35°C · Grouting: Walls after 6 hours, floors after 24 hours · Set to foot traffic after 24 hours · Ready to use after 07 days · Shelf life 12 months in an unopened bag.

04 APPLICATION AREAS & TILE SIZES

Application area	Interior	Exterior (covered)	Exterior (uncovered)
Floor tiling	90×180	90×180	80×160
Wall tiling (max height 3m)	90×180	80×160	80×160
Wall tiling (max height 6m)	80×160	60×120	60×120
Walls above 6m height	CONTACT TECHNICAL DEPARTMENT		
Tile-on-tile installation	80×80	CONTACT TECHNICAL DEPARTMENT	
Swimming pools	40×80		
Potable water tanks	80×80		
Cemboard	60×60		
Cementitious / acrylic / PU waterproofed surface	60×60	60×60	60×60

Dimensions in cm × cm · Maximum tile load 60kg/m²; for best adhesion back-butter the tile or stone.

Key reminders: Always test a small area before full-scale work · Do not add cement, sand or any admixture beyond these instructions · Reseal the bag after use to prevent moisture uptake

⚠ Steps 6 and 12 are recommended practice, not required by the TDS.

05 APPLICATION IN 12 STEPS


1 Check the substrate


2 Measure the water


3 Add powder to water


4 Mix at low speed


5 Wait 5 minutes, remix


6 Dampen the substrate ⚠


7 Skim a thin coat


8 Comb with a notched trowel


9 Back-butter the tile


10 Set the tile, tap evenly


11 Fit clips and wedges


12 Wipe off excess ⚠