QUICK ANSWERS

The 6 questions applicators ask most

How much water does it need?

5.50 - 6.00L per 25kg bag. Pour the powder slowly into the water while mixing at low speed (300 - 600rpm), wait 5 minutes, then remix briefly and it is ready.

What tile sizes will it hold?

Interior floor tiling up to 80×80cm, and walls up to 3m high with 40×80cm tiles. For larger formats or exterior work, mix with **BuMaLATEX** diluted with water.

How do I upgrade it to class C2?

Replace the mixing water with **BuMaLATEX** diluted with water. Adhesion then reaches ≥ 1.5MPa after heat aging and ≥ 1.2MPa after freeze-thaw cycles; 28-day adhesion rises to ≥ 2.0MPa.

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 1.40kg/m² per 1mm of adhesive thickness. Recommended thickness is 2 - 15mm, depending on how flat the substrate is.

Where should it not be used?

Swimming pools, potable water tanks, walls above 6m, cemboard and substrates subject to heavy vibration — these need written technical advice from BUMATECH.

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
17.8m²	8.9m²	5.9m²	3.5m²

Based on 1.40kg/m² per 1mm of thickness, rounded down
Recommended thickness 2 - 15mm

PRODUCT CLASSIFICATION

EN 12004 class ZA when mixed with water · Upgrades to class C2 when mixed with **BuMaLATEX** diluted with water

CEMENTITIOUS TILE ADHESIVE

BuMaGREEN

Multi-purpose interior tile adhesive — just add water; holds ceramic, porcelain and natural stone firmly.

- EN 12004-1 · CLASS ZA
- ZERO VOC CONTENT
- UPGRADES TO C2 WITH BuMaLATEX

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



0g/l
VOC content (USEPA Method 24)

BUILD BETTER
LIVE GREENER

01 WHY BuMaGREEN?

Interior tiling does not need the most expensive adhesive — it needs one that meets the standard, mixes easily and performs consistently. **BuMaGREEN** does exactly that, and upgrades when the project asks for more.

ZERO VOC CONTENT

0g/l to USEPA Method 24 — no harsh odour, suitable for enclosed spaces under finishing

ONE PRODUCT, TWO CLASSES

Mixed with water it is class ZA; mixed with **BuMaLATEX** diluted with water it meets class C2 — no change of product

5 MINUTES ADJUSTING TIME

Generous working time to align joints and level the tile surface

02 STANDARDS & TEST RESULTS

EN 12004-1:2017 · TCVN 7899-2:2008 · EN 12004-2:2017 · USEPA Method 24

Property	Requirement	BuMaGREEN	+ BuMaLATEX
Adhesion after 28 days	≥ 0.5MPa	**≥ 0.8MPa**	**≥ 2.0MPa**
Adhesion after water immersion	≥ 0.5MPa	**≥ 0.8MPa**	**≥ 1.5MPa**
Adhesion after heat aging	–	**–**	**≥ 1.5MPa**
Adhesion after freeze-thaw cycles	–	**–**	**≥ 1.2MPa**
Adhesion at open time	≥ 0.5MPa	**10 min: Pass**	**20 min: Pass**
Volatile organic compound (VOC) content	≤ 65g/l	**0g/l**	**0g/l**

03 TECHNICAL DATA

25 kg per bag	**5.50 - 6.00** L water per bag	**1.40** kg/m² per 1mm layer
2 - 15 mm recommended thickness	**05** minutes adjusting time	**02** hours pot life at 35°C

Grey · 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	80×80 90×180*	80×80 90×180*	80×80*
Wall tiling (max height 3m)	40×80	30×60	60×120*
Wall tiling (max height 6m)	30×60 90×90*	80×80*	40×80*
Walls above 6m height	CONTACT TECHNICAL DEPARTMENT		
Tile-on-tile installation	60×60* & **	CONTACT TECHNICAL DEPARTMENT	
Swimming pools	40×80* & **		
Potable water tanks	80×80* & **		
Cemboard	–		
Cementitious / acrylic / PU waterproofed surface	40×40*	40×40*	40×40*

*Dimensions in cm × cm · * When mixed with **BuMaLATEX** diluted with water · ** For tiles and stone with water absorption > 3% only · «–»: Not declared in the TDS, contact the technical department · 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 ⚠