QUICK ANSWERS

The 6 questions applicators ask most

How much per bag of adhesive?

About 7.50kg of **CeRaLASTIC** per bag of **BuMaECO** (25kg). The 7.5kg pail is exactly one bag; the 20kg pail covers about 2.7 bags.

Which adhesive does it go with?

Only with **BuMaECO** tile adhesive. Class C2TES1 applies to the system **BuMaECO** + **CeRaLASTIC**, not to the admixture on its own.

Do I add water as well?

No. **CeRaLASTIC** fully replaces the mixing water of **BuMaECO** — the **BuMaECO** TDS gives 6.25 - 6.75L for grey and 6.63 - 6.88L for white per 25kg bag when mixed with water.

What does the admixture add?

BuMaECO mixed with water is class C1T. Mixed with **CeRaLASTIC** it reaches class C2TES1: 28-day adhesion ≥ 2.5MPa, S1 deformability and open time extended to 30 minutes.

When can I grout?

Walls after 6 hours, floors after 24 hours. Foot traffic after 24 hours and ready to use after 07 days. Adjusting time 20 minutes.

Where is technical advice needed?

Walls above 6m. Tile-on-tile, swimming pools, potable water tanks and cemboard are interior only; exterior use needs the technical department.

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 — 20kg PAIL

1mm layer	2mm layer	3mm layer	5mm layer
50.0m²	25.0m²	16.6m²	10.0m²

Based on 0.4kg/m² per 1mm of thickness, rounded down
*About 7.50kg per bag of **BuMaECO** 25kg*

In compliance with EUROPEAN standard EN 12004:2017 C2TES1 — Cementitious adhesive for ceramic tiles

PRODUCT CLASSIFICATION

EN 12004 class C2TES1 — class of the adhesive system **BuMaECO** mixed with **CeRaLASTIC**, not of the admixture alone

Hotline 0979 793 804 · BUMATECH.VN

BUMA-TA · TILE ADHESIVE

TILE ADHESIVE ADMIXTURE

CeRaLASTIC

Latex admixture that replaces the mixing water of **BuMaECO** — lifts the system to class C2TES1, for tiles up to 100×300cm and areas subject to vibration.

EN 12004-1 · C2TES1 SYSTEM

ZERO VOC CONTENT

EPD-IES-0028312

ENVIRONMENTAL DECLARATION
EPD
INTERNATIONAL EPD SYSTEM
EPD-IES-0028312
ISO 14025 · EN 15804



100×300
Largest tile format, indoors and out (cm)

BUILD BETTER
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01 WHY CeRaLASTIC?

Large tiles, loaded floors and vibrating areas do not need a more expensive adhesive — they need a different mixing liquid. **CeRaLASTIC** replaces the mixing water and lifts the whole **BuMaECO** system by one class.

ADHESION ≥ 2.5MPa

After 28 days, more than twice the ≥ 1.0MPa required; ≥ 3.0MPa after heat aging

TRANSVERSE DEFORMATION S1

2.5 - 5.0mm — for large tiles, exterior areas, loaded areas and heavy vibration

ZERO VOC CONTENT

0g/l to USEPA Method 24 against a 65g/l limit, with environmental declaration EPD-IES-0028312

02 STANDARDS & TEST RESULTS

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

Property	Requirement	CeRaLASTIC
Adhesion after 28 days	≥ 1.0MPa	**≥ 2.5MPa**
Adhesion after water immersion	≥ 1.0MPa	**≥ 1.5MPa**
Adhesion after heat aging	≥ 1.0MPa	**≥ 3.0MPa**
Adhesion after freeze-thaw cycles	≥ 1.0MPa	**≥ 1.2MPa**
Slip	≤ 0.5mm	**Pass**
Adhesion after 30-minute open time	≥ 0.5MPa	**Pass**
Transverse deformation	2.5mm ≤ S ≤ 5.0mm	**Pass**
Shear adhesion to porcelain tile	≥ 1.38MPa	**Pass**
Volatile organic compound (VOC) content	≤ 65g/l	**0g/l**

*All properties are for the system **BuMaECO** mixed with **CeRaLASTIC**.*

03 TECHNICAL DATA

7.50 kg per 25kg bag of adhesive	**0.4** kg/m² per 1mm layer	**2 - 15** mm recommended thickness
20 minutes adjusting time	**01** hours pot life at 35°C	**12** months shelf life

Packed in 7.5kg and 20kg pails · Milky white · 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 unopened containers.

04 APPLICATION AREAS & TILE SIZES

Application area	Interior	Exterior (covered)	Exterior (uncovered)
Floor tiling	100×300	100×300	100×300
Wall tiling (max height 3m)	100×300	90×180	90×180
Wall tiling (max height 6m)	100×300	90×180	80×160
Walls above 6m height	CONTACT TECHNICAL DEPARTMENT		
Tile-on-tile installation	60×120	CONTACT TECHNICAL DEPARTMENT	
Swimming pools	40×80		
Potable water tanks	80×80		
Cemboard	80×80		
Cementitious / acrylic / PU waterproofed surface	80×80	80×80	80×80

*Dimensions in cm × cm · Sizes for the **BuMaECO** + **CeRaLASTIC** system · Maximum tile load 60kg/m²; for best adhesion back-butter the tile or stone.*

Key reminders: CeRaLASTIC is used only with **BuMaECO** · Use about 7.50kg per 25kg bag, no added water · Use each batch within 01 hour · Reseal the pail after use

05 APPLICATION IN 10 STEPS



1 Check the substrate



2 Pour inCeRaLASTIC



3 AddBuMaECOpowder



4 Mix at low speed



5 Wait 5 minutes, remix



6 Spread a thin coat



7 Comb with a notched trowel



8 Back-butter the tile



9 Set the tile, tap evenly



10 Fit clips and wedges