QUICK ANSWERS

## The 6 questions applicators ask most

### How is BuMaLEVEL mixed correctly?

Pour **4.0 - 4.2 litres** of clean water into a clean pail, then slowly add one 20kg bag while mixing. Use a low-speed mixer (about 300rpm) for about 2 minutes to a smooth, lump-free consistency; let stand for 1 minute, then remix. Do not exceed the specified water.

### How thick should it be poured?

Each layer is **1 to 10mm**, maximum 10mm per layer. For 10 - 20mm, add **0.6 - 1.2mm quartz sand**, max. 30% of powder weight, and trial before full-scale application.

### Which substrates need priming?

Highly absorbent substrates: brush, spray or roll on **BuMaPRIMER** 2 - 3 times. Existing tile or stone must be firmly bonded (pull-off ≥ 0.5MPa); abrade, wash, let dry, then apply a bonding coat of **BuMaFLEX**.

### When can it be walked on?

Light foot traffic after about **6 hours** at 3mm thickness. Ready for finishes such as tile, stone, PVC, vinyl, carpet or epoxy after **24 to 72 hours**.

### How far does one bag go?

Coverage is about 1.70kg/m² per 1mm thickness. A 20kg bag covers 11.7m² at 1mm, 3.9m² at 3mm.

### What are the site conditions?

Sound substrate, mechanically roughened to **CSP 2 - 3** (ICRI 310.2R-2013), pull-off strength ≥ 0.5MPa to ASTM C1583/C1583M-25; surface temperature 4 - 32°C. Repair cracks by injection with BUMA-SP Bond 81 before application.

More questions? **Scan the Zalo OA code on the back cover** — BUMATECH engineers advise you directly, replying during working hours.

BUMATECH

Tile Adhesive • Waterproofing • Dry Mix • Construction Chemicals

BUILD BETTER · LIVE GREENER

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**QUICK COVERAGE — 20kg BAG**

| 1mm layer | 3mm layer | 5mm layer | 10mm layer |
|---|---|---|---|
| 11.7m² | 3.9m² | 2.3m² | 1.1m² |

*Based on 1.70kg/m² per 1mm of thickness, rounded down*
*Recommended thickness 1 - 10mm per layer*

**PRODUCT CLASSIFICATION**
EN 13813:2002 class CT-C35-F7-B0,5 — cementitious screed, compressive class C35, flexural F7, bond B0,5

Hotline 0979 793 804 · BUMATECH.VN

CEMENTITIOUS SELF-LEVELLING COMPOUND

# BuMaLEVEL

High-flow cementitious self-levelling compound — levels interior floors before PVC, vinyl, carpet, epoxy or raised access flooring. Thickness 1 - 10mm per layer.

**EN 13813:2002 · CT-C35-F7-B0,5**

**FLOW ≥ 125mm**

**FOOT TRAFFIC IN 6 HOURS**

ENVIRONMENTAL DECLARATION
EPD
INTERNATIONAL EPD SYSTEM
EPD-IES-0028333
ISO 14025 · EN 15804




**≥ 35**
MPa compressive strength after 28 days · C35

BUILD BETTER
LIVE GREENER

BUMA-SLC · SELF-LEVELLING COMPOUND

## 01 WHY BuMaLEVEL?

A flat floor is the foundation of every good finish. **BuMaLEVEL** finds its own level like water — it spreads evenly once poured, independent of screeding skill.

### FLOW ≥ 125mm

High-flow compound: flow retention about 30 minutes, healing time about 10 minutes; pumped or trowel-applied

### FOOT TRAFFIC IN 6 HOURS

Light foot traffic after about 6 hours at 3mm thickness; ready for finishes after 24 to 72 hours

### COMPRESSIVE ≥ 35MPa

Class C35 to EN 13813:2002 after 28 days; flexural ≥ 7.0MPa (F7) and bond ≥ 0.5MPa (B0,5)

## 02 STANDARDS & TEST RESULTS

EN 13813:2002 · BS EN 13892-2:2002 · BS EN 13892-8:2002 · ASTM C1708-19 · ASTM D4060-14

| Property | Standard | Result |
|---|---|---|
| Flexural strength after 28 days | BS EN 13892-2:2002 | ≥ 7.0MPa (F7) |
| Compressive strength after 1 day | BS EN 13892-2:2002 | ≥ 15.0MPa |
| Compressive strength after 3 days | BS EN 13892-2:2002 | ≥ 25.0MPa |
| Compressive strength after 7 days | BS EN 13892-2:2002 | ≥ 30.0MPa |
| Compressive strength after 28 days | BS EN 13892-2:2002 | ≥ 35.0MPa (C35) |
| Bond strength | BS EN 13892-8:2002 | ≥ 0.5MPa (B0,5) |
| Flow | — | ≥ 125mm |
| Flow retention time | ASTM C1708-19 | ~ 30 minutes |
| Taber abrasion resistance after 28 days | ASTM D4060-14 | ≤ 0.2g |

*Taber abrasion after 7 days ≤ 0.4g · Healing time ~ 10 minutes · pH of the mixed compound 12.0 · Pot life ~ 10 minutes · Data from TDS **BuMaLEVEL** v2026.10 — laboratory test results.*

## 03 TECHNICAL DATA

| | | |
|---|---|---|
| **20** kg per bag | **4.0 - 4.2** L water per bag | **1.70** kg/m² per 1mm layer |
| **1 - 10** mm per layer | **10** minutes pot life | **4 - 32** °C surface temperature |

*Grey · Light foot traffic after about 6 hours at 3mm thickness · Ready for finishes after 24 to 72 hours · For 10 - 20mm: Add 0.6 - 1.2mm quartz sand, max. 30% of powder weight; trial before full-scale application · Shelf life 06 months in the unopened bag, stored in a cool, dry, shaded place.*

## 04 SCOPE OF USE

- ✓ Concrete · mortar beds · over underfloor heating
- ✓ Cement terrazzo · existing ceramic tile and natural stone
- ✓ Underlayment for tile · stone · carpet · PVC · vinyl · rubber flooring · raised access flooring · epoxy
- ✓ Interior: Homes · offices · shopping centres · hospitals · factories

*Sound substrate, mechanically roughened to **CSP 2 - 3** (ICRI 310.2R-2013), pull-off strength ≥ 0.5MPa to ASTM C1583/C1583M-25 · Highly absorbent substrates: Prime with **BuMaPRIMER** 2 - 3 times · Existing tile or stone: Firmly bonded (pull-off ≥ 0.5MPa), otherwise remove; bonding coat of **BuMaFLEX** · Cracks: Inject **BUMA-SP Bond 81** before application · Surface temperature 4 - 32°C.*

## 05 APPLICATION IN 8 STEPS



1 Roughen and vacuum



2 Prime with **BuMaPRIMER**



3 Measure 4.0 - 4.2L water/bag



4 Add 20kg bag, mix 2 minutes



5 Stand 1 minute, remix



6 Pour, spread with gauge rake



7 Join batches, spiked roller



8 Walk 6h · finishes 24 - 72h

**Key reminders:** Do not exceed the specified water — excess water reduces strength and bond · Use the mixed batch within 10 minutes · Mix at most two bags at a time · Never add cement or admixtures · Run a small trial area before full-scale application