QUICK ANSWERS

The 6 questions applicators ask most

How is SLU 210.25 mixed correctly?

Pour **4.6 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 does it differ from SLU 210.16?

Same 2 - 10mm thickness range and same application, different EN 13813:2002 class: 210.16 is **CT-C16-F5-B0,5**, 210.25 is **CT-C25-F6-B0,5**. For 10 - 20mm, add 0.6 - 1.2mm 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 **3 hours** at 3 - 5mm thickness. Ready for finishes such as tile, stone, PVC, vinyl, carpet, rubber or raised access flooring after **6 to 24 hours**.

How far does one bag go?

Coverage is about 1.70kg/m² per 1mm thickness. A 20kg bag covers 5.8m² at 2mm, 2.3m² at 5mm.

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

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QUICK COVERAGE — 20kg BAG

2mm layer	3mm layer	5mm layer	10mm layer
5.8m²	3.9m²	2.3m²	1.1m²

Based on 1.70kg/m² per 1mm of thickness, rounded down
Recommended thickness 2 - 10mm per layer

PRODUCT CLASSIFICATION
EN 13813:2002 class CT-C25-F6-B0,5 — cementitious screed, compressive class C25, flexural F6, bond B0,5

FAST-DRYING UNDERLAYMENT COMPOUND

SLU 210.25

Interior underlayment self-levelling compound, 2 - 10mm — fast drying, light foot traffic after ~3 hours, ready to use after 6 - 24 hours. Compressive class C25.

- EN 13813:2002 · CT-C25-F6-B0,5
- FOOT TRAFFIC IN 3 HOURS
- FLOW ≥ 125mm

In compliance with EUROPEAN standard
EN 13813
CT - B0,5
C25 - F6
BUMATECH
Screed Material and Floor screed



≥ 25
MPa compressive strength after 28 days · C25

BUILD BETTER
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01 WHY SLU 210.25?

A flat floor is the foundation of every good finish. **SLU 210.25** finds its own level like water — it spreads evenly once poured, independent of screeding skill.

COMPRESSIVE ≥ 25MPa

Class C25 to EN 13813:2002 after 28 days; flexural ≥ 6.0MPa (F6) and bond ≥ 0.5MPa (B0,5)

FAST DRYING

Light foot traffic after about 3 hours at 3 - 5mm thickness; ready for finishes after 6 - 24 hours; compressive strength ≥ 13.0MPa after 24 hours

ABRASION ≤ 4.0g

Taber abrasion resistance to ASTM D4060-14: ≤ 4.5g after 7 days and ≤ 4.0g after 28 days

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	**≥ 6.0MPa (F6)**
Compressive strength after 28 days	BS EN 13892-2:2002	**≥ 25.0MPa (C25)**
Compressive strength after 24 hours	BS EN 13892-2:2002	**≥ 13.0MPa**
Bond strength	BS EN 13892-8:2002	**≥ 0.5MPa (B0,5)**
Flow	—	**≥ 125mm**
Flow retention time	ASTM C1708-19	**~ 15 minutes**
Taber abrasion resistance after 28 days	ASTM D4060-14	**≤ 4.0g**

*Compressive strength after 6 hours and 3 days ≥ 1.0 and ≥ 18.0MPa respectively · Taber abrasion after 7 days ≤ 4.5g · Healing time ~ 05 minutes · pH of the mixed compound ≥ 10.0 · Data from TDS **SLU 210.25** v2026.10 — laboratory test results.*

03 TECHNICAL DATA

20 kg per bag	**4.6** L water per bag	**1.70** kg/m² per 1mm layer
2 - 10 mm per layer	**10** minutes pot life	**4 - 32** °C surface temperature

Light foot traffic after about 3 hours at 3 - 5mm thickness · Ready for finishes after 6 to 24 hours · Mix at most two bags at a time · Never add cement or admixtures · Shelf life 06 months in the unopened bag, stored in a cool, dry and well-ventilated area.

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
- ✓ For interior use only

*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 4.6L 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 3h · finishes 6 - 24h

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