QUICK ANSWERS

The 6 questions applicators ask most

How is SLU 210.35 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.

Why must it be placed faster?

SLU 210.35 retains its flow for about **10 minutes**, shorter than 210.16 and 210.25 (~ 15 minutes). Use the mixed batch within 10 minutes; mix at most two bags at a time.

How does it differ from 210.16 and 210.25?

Same 2 - 10mm range, different EN 13813:2002 class: CT-C16-F5-B0,5 · CT-C25-F6-B0,5 · **CT-C35-F7-B0,5**; the bond strength of 210.35 is ≥ 0.7MPa.

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

BUILD BETTER · LIVE GREENER

MEMBER

HEAD OFFICE
154/1/5 Cong Lo, Tan Son Ward, Ho Chi Minh City

OFFICE
91 Hoang Bat Dat, Tan Son Ward, Ho Chi Minh City

FACTORY
820 Ap Chanh, Duc Lap Commune, Tay Ninh Province

FOLLOW US

FACEBOOK · YOUTUBE · ZALO OA · SLU 210.35

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-C35-F7-B0,5 — cementitious screed, compressive class C35, flexural F7, bond B0,5

FAST-DRYING UNDERLAYMENT COMPOUND

SLU 210.35

Interior underlayment self-levelling compound, 2 - 10mm — compressive strength ≥ 35.0MPa (C35), bond ≥ 0.7MPa, light foot traffic after ~3 hours.

EN 13813:2002 · CT-C35-F7-B0,5

BOND ≥ 0.7MPa

FOOT TRAFFIC IN 3 HOURS

In compliance with EUROPEAN standard
EN 13813
CT - B0,5
C35 - F7
BUMATECH
Screed Material and Floor screed



≥ 35
MPa compressive strength after 28 days · C35

BUILD BETTER
LIVE GREENER

01 WHY SLU 210.35?

A flat floor is the foundation of every good finish. **SLU 210.35** finds its own level like water — it spreads evenly once poured, independent of screeding skill.

COMPRESSIVE ≥ 35MPa

Class C35 to EN 13813:2002 after 28 days, the highest in the SLU 210 range; already ≥ 22.0MPa after 24 hours

BOND ≥ 0.7MPa

Bond strength ≥ 0.7MPa to BS EN 13892-8:2002, above the ≥ 0.5MPa of 210.16 and 210.25; classified B0,5

ABRASION ≤ 3.0g

Taber abrasion resistance to ASTM D4060-14: ≤ 4.0g after 7 days and ≤ 3.0g 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	**≥ 7.0MPa (F7)**
Compressive strength after 28 days	BS EN 13892-2:2002	**≥ 35.0MPa (C35)**
Compressive strength after 24 hours	BS EN 13892-2:2002	**≥ 22.0MPa**
Bond strength	BS EN 13892-8:2002	**≥ 0.7MPa (B0,5)**
Flow	—	**≥ 125mm**
Flow retention time	ASTM C1708-19	**~ 10 minutes**
Taber abrasion resistance after 28 days	ASTM D4060-14	**≤ 3.0g**

*Compressive strength after 6 hours and 3 days ≥ 2.0 and ≥ 28.0MPa respectively · Taber abrasion after 7 days ≤ 4.0g · Healing time ~ 05 minutes · pH of the mixed compound ≥ 10.0 · Data from TDS **SLU 210.35** 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 · Flow retention about 10 minutes, shorter than 210.16 and 210.25 · For 10 - 20mm: Add 0.6 - 1.2mm sand, max. 30% of powder weight · Mix at most two bags at a time · 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