QUICK ANSWERS

The 6 questions applicators ask most

How is SLU 1040.35 mixed correctly?

Pour **4.0 litres** of clean water — less than the SLU 210 range (4.6 litres) — 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.

When to use it instead of SLU 210?

When the underlayment must be thicker than 10mm. The SLU 210 range places 2 - 10mm per layer; **SLU 1040.35** places **10 to 40mm** in a single pour.

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 10 - 20mm thickness. Ready for finishes after **6 to 24 hours**.

How far does one bag go?

Coverage is about 1.70kg/m² per 1mm thickness. A 20kg bag covers 1.1m² at 10mm, 0.2m² at 40mm.

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

10mm layer	15mm layer	25mm layer	40mm layer
1.1m²	0.7m²	0.4m²	0.2m²

Based on 1.70kg/m² per 1mm of thickness, rounded down
Recommended thickness 10 - 40mm per layer

PRODUCT CLASSIFICATION
EN 13813:2002 class CT-C35-F10-B1,0 — cementitious screed, compressive class C35, flexural F10, bond B1,0

THICK UNDERLAYMENT · 10 - 40mm

SLU 1040.35

Self-levelling compound for 10 - 40mm underlayments — thick sections in a single pour; compressive C35, flexural F10, bond B1,0.

EN 13813:2002 · CT-C35-F10-B1,0

10 - 40mm IN ONE LAYER

BOND ≥ 1.0MPa

In compliance with EUROPEAN standard
EN 13813
CT - B1,0
C35 - F10
BUMATECH
Screed Material and Floor screed



10 - 40
mm per layer · compressive ≥ 35MPa at 28 days

BUILD BETTER
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01 WHY SLU 1040.35?

A flat floor is the foundation of every good finish. **SLU 1040.35** finds its own level like water — it spreads evenly once poured, independent of screeding skill.

10 - 40mm IN ONE LAYER

Places 10 - 40mm in a single pour — the SLU 210 range places 2 - 10mm per layer

FLEXURAL ≥ 10MPa

Class F10 to EN 13813:2002; compressive strength ≥ 35.0MPa after 28 days (C35), already ≥ 25.0MPa after 24 hours

BOND ≥ 1.0MPa

Class B1,0 to BS EN 13892-8:2002, above the B0,5 of the SLU 210 range

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	**≥ 10.0MPa (F10)**
Compressive strength after 28 days	BS EN 13892-2:2002	**≥ 35.0MPa (C35)**
Compressive strength after 24 hours	BS EN 13892-2:2002	**≥ 25.0MPa**
Bond strength	BS EN 13892-8:2002	**≥ 1.0MPa (B1,0)**
Flow	—	**≥ 125mm**
Flow retention time	ASTM C1708-19	**~ 20 minutes**
Taber abrasion resistance after 28 days	ASTM D4060-14	**≤ 2.8g**

*Compressive strength after 6 hours and 3 days ≥ 3.0 and ≥ 30.0MPa respectively · Taber abrasion after 7 days ≤ 3.8g · Healing time ~ 10 minutes · pH of the mixed compound ≥ 10.0 · Data from TDS **SLU 1040.35** v2026.10 — laboratory test results.*

03 TECHNICAL DATA

20 kg per bag	**4.0** L water per bag	**1.70** kg/m² per 1mm layer
10 - 40 mm per layer	**10** minutes pot life	**4 - 32** °C surface temperature

Light foot traffic after about 3 hours at 10 - 20mm thickness · Ready for finishes after 6 to 24 hours · 4.0 litres of water per bag, less than the SLU 210 range (4.6 litres) · 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 4.0L 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