

CBGM-FL300-UltraHighStrength Grout

Non-Shrink Cementitious Grout | Flowability ≥ 290 mm

High Flow

Non-Shrink

Durable

28d ≥ 60 MPa

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CBGM-FL300-UltraHighStrength Grout

Ultra high strength grout with excellent flowability and durability.

Key Features

- Non-shrink with controlled expansion
- High flowability (≥ 290 mm, ≥ 260 mm at 30 min)
- Strong compressive strength
- Easy application

Performance Data

Parameter	Value
Initial Flowability (mm)	≥ 290
Flowability at 30 min (mm)	≥ 260
Compressive Strength 1d (MPa)	≥ 30
Compressive Strength 3d (MPa)	≥ 50
Compressive Strength 28d (MPa)	≥ 80
Expansion Rate 3h (%)	0.1 – 3.5
Expansion $\Delta(24h-3h)$ (%)	0.02 – 0.50
Chloride Ion Content (%)	≤ 0.1
Bleeding Rate (%)	0

Mixing & Application Instructions

1. Mix powder with clean water ($12 \pm 1\%$ by weight).
2. Stir mechanically for 3–5 minutes.
3. Pour immediately into prepared substrate.
4. Cure with moisture for at least 7 days.

Caution

- Do not apply below $-10\text{ }^{\circ}\text{C}$.
- Avoid excess water.
- Substrate must be clean and free of oil/dust.

Packaging & Shelf Life

25 kg/bag, 12 months (unopened, dry conditions)

Disclaimer

The information herein is based on current knowledge. It does not guarantee product properties. Users must test suitability for their projects.

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