

CBGM-SHOTCRETE-UHPC120 Grout

Ultra high-performance shotcrete with compressive strength up to 120 MPa.

Key Features

- Ultra high compressive strength ≥ 120 MPa
- Superior durability and chloride resistance
- Low rebound and efficient spraying
- Long service life in harsh environments

Technical Parameters

Parameter	Value
Compressive Strength (28d)	≥ 120 MPa
Flexural Strength	≥ 18 MPa
Elastic Modulus	≥ 40 GPa
Chloride Diffusion	$\leq 2.0 \times 10^{-14}$ m ² /s
Freeze-Thaw	≥ 300 cycles

Applications

- Bridge piers
- Tunnel lining
- High-rise reinforcement
- Marine docks

Mixing & Application Instructions

1. Mix with clean water ($12 \pm 1\%$).
2. Stir mechanically 3–5 min.
3. Spray with shotcrete equipment.
4. Cure 7 days moist.

Do not apply below 0 °C.

Packaging & Storage

25 kg/bag, 12 months sealed

Disclaimer

All data is based on tests and experience. No guarantee. Users must verify suitability.

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