

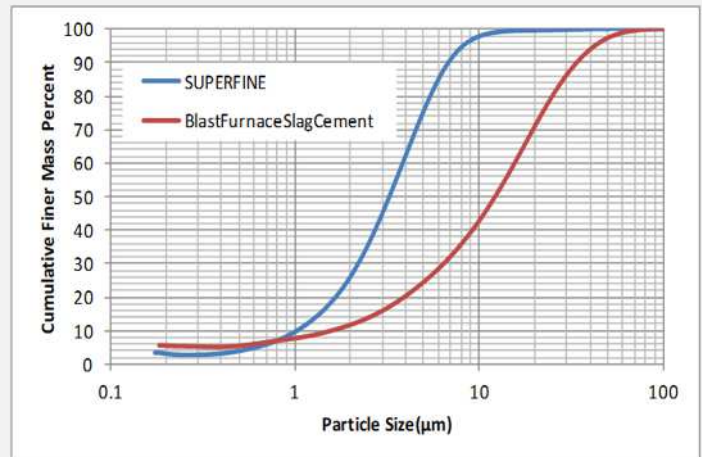
SUPERFINE is a blast furnace slag based ultrafine cementitious grout material with a D₉₅ particle size of approximately 10 μm. It is able to permeate very small gaps such as voids in the ground microscopic rock fissures, and improve strength and reduce permeability.

PROPERTIES

Specific Gravity	:	3.00 g/cm ³
Particle Size D ₉₅	:	10 μm
Particle Size D ₅₀	:	4 μm
Initial Set Time	:	8 - 16hours
Final Set Time	:	10 - 22 hours
Bleeding in 2 hours	:	1 - 3%
UCS (σ ₃)	:	25.7 N/mm ²
UCS (σ ₇)	:	34.3 N/mm ²
UCS (σ ₂₈)	:	60.1 N/mm ²

*UCS measured in accordance with JIS-R5201

PARTICLE SIZE DISTRIBUTION



APPLICATIONS

- Pre- and post-excavation grouting
- Water cut-off grouting
- Dam grout curtain
- Soil consolidation
- Stabilization of structure foundation

TRACK RECORDS

- Seikan Subsea Tunnel (Hokkaido, Japan)
- Pirika Dam (Hokkaido, Japan)
- Amtrak Bridge pier (North Carolina, USA)
- Arrowhead Tunnels (California, USA)
- Lake Mead (Nevada, USA)
- Perth Rail (Perth, Australia)

ADVANTAGES

- Excellent Permeability
- Non-Toxic Cementitious Grout
- Long Term Durability
- High Strength

PACKAGE

- 20kg (44lb) NET P.E. bag
- 1MT (2204lb) NET Jumbo bag

FUNCTION

Rock fissure grouted with SUPERFINE

