

SUPERFINE-L

Ultrafine Cement

SUPERFINE-L is designed to use for projects located where the ground water is hot or briny. Normal Ultrafine Cements lose permeability due to cohesion of particles under such ambience. SUPERFINE-L maintains its permeability under unusual conditions

PROPERTIES

- Specific Gravity : 2.91 g/cm³
- D95 Particle Size : 10 micron
- D50 Particle Size : 3 micron
- Initial Set Time : 80 hours
- Final Set Time : 85 hours
- Bleeding : 1 - 3%
- UCS (σ_3) : 17.8 N/mm²
- UCS (σ_7) : 30.2 N/mm²
- UCS (σ_{28}) : 39.1 N/mm²

*UCS measured in accordance with JIS R5201

ADVANTAGES

- Excellent Permeability in Hot Water
- Excellent Permeability in Seawater
- Non-Toxic Cementitious Grout
- Sulfate Resistance
- Long Term Durability in Seawater

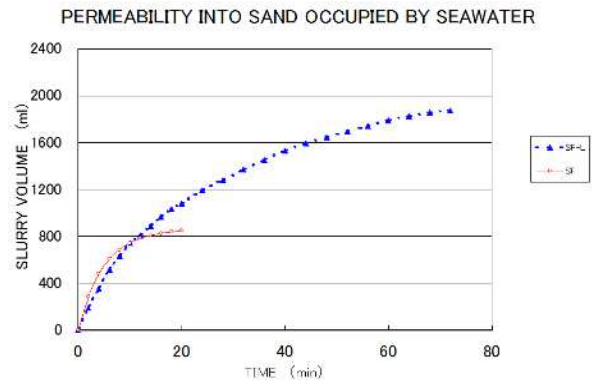
APPLICATIONS

- Grouting for Coastal Projects
- Projects near Hot Springs
- Projects in Hot atmosphere
- Solidification of sand in caissons

PACKAGE

- 20kgs (44lb) NET P.E. bag

PERMEABILITY



SULFATE RESISTANCE



PROJECTS

- Caissons in Niigata Port (Japan)
- Gold Mine with hot ground water (Japan)
- Namikata Butane Reservoir (Japan)
- Shirashima Oil Storage (Japan)