

MICROFINE CEMENT (SUPERFINE)

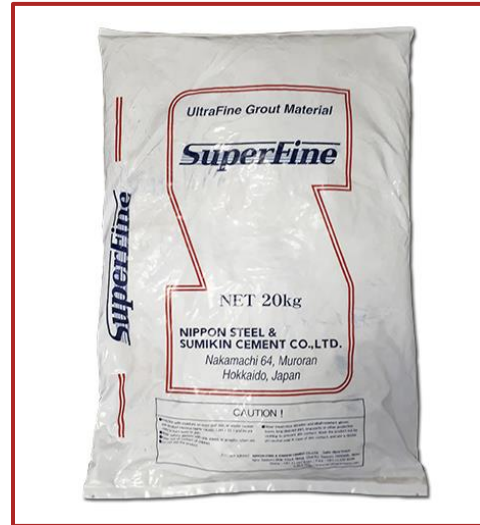
Ultrafine Cement for Specialty Grouting Applications

Description

MICROFINE CEMENT (SUPERFINE) is a blast furnace slag-based ultrafine cement for specialty grouting applications. With a maximum particle size of ten microns and a median particle size of three microns, MICROFINE CEMENT (SUPERFINE) can penetrate very small openings such as soil pores and microscopic rock fissures to improve strength and reduce permeability.

Advantages

- Excellent permeation with high in-place strength and durability
- Ability to adjust superplasticizer type and dosage to achieve specified results
- Proven, highly predictable design with a long record of successful projects
- Adjustable water/cement ratio allows the grout to be formulated to meet specific project requirements
- Brine tolerant and resistant to chemical attacks, including sulphate attack



Where to Use

MICROFINE CEMENT (SUPERFINE) is used for water cut-off grouting and pre-excavation grouting in tunnel construction, foundation and consolidation grouting of dams and embankments, maintenance grouting of existing dams and tunnels, foundation stabilization of new and existing structures, consolidation of soils to prevent liquefaction and consolidation of poor soils.

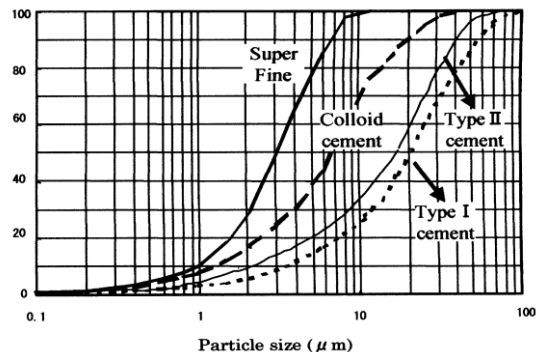
How to Use

Preparation: Conduct on-site tests in advance using all the specific ingredients proposed for the grouting application. Confirm that appropriate site and laboratory tests have been conducted to show that the results of various mix designs conform to project specifications.

Clean Up: Avoid environmental contamination and dispose of waste according to local regulations.

Technical Data

Specific Gravity	3.00 g/cm ³
Loose Density	1.00 g/cm ³
Median Particle Size	3 μm
Initial Set Time	8-16 hours
Final Set Time	10-22 hours
Colour	Grayish white
Physical State	Powder
Packaging	20 kg heat-sealed plastic bags



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Caution

Follow all current regulations and standards. Wear suitable protective equipment to prevent skin or eye contamination. Ensure adequate ventilation and avoid inhaling dust.

First Aid

This material is intended to be used by trained professionals with the proper equipment. Refer to the Safety Data Sheet (SDS) for detailed first aid information.

Related Literature

Safety Data Sheet (SDS), Technical Package – Superfine

Related Products

Superplasticizer (Mighty 150)

Company Overview

Multiurethanes is a leading international supplier of materials, equipment, and technical support services for all types of grouting operations, including water cut-off, soil stabilization, concrete repair, sewer rehabilitation and waterproofing.

Customer Service & Orders

For additional information, please contact us at 1-800-663-6633 or info@multiurethanes.com