FINE®

Grout

RAMKA
CONSTRUCTION
CHEMICALS

FINE® is a grey fine cementitious grout powder that hardens rapidly after placement and develops the stated required strength. Its controlled expansion fills voids, gaps and recesses without the stated cracking or shrinkage after hardening. It is a cement-based ready-mix material with stated resistance to high temperatures.

Applications

- Filling voids beneath column base plates
- Foundations for heavy machinery
- Fixing precast columns
- Filling voids around reinforcement and anchor bolts
- Filling cracks and recesses

Approvals / Standards

- Production requirements based on ASTM C1107.

Advantages / Benefits

- Suitable stability and resistance under static loads
- No cracking after hardening
- Controlled expansion
- Rapid hardening after placement
- High early strength
- Earlier commissioning of the structure
- Easy mixing with water
- Suitable slump and flow

Guideline for Use

For base plates, verify alignment and dimensions. The supporting concrete must be at least 7 days old, and the gap below the plate must be at least 10 mm. Remove dust, oil and rust; saturate the foundation concrete with clean potable water; use watertight, non-absorptive forms extending 2 to 5 cm above the base plate. Pour FINE from one side only. High-density polystyrene sheets may facilitate form movement. Apply at 5°C to 25°C. Do not add other concrete admixtures. Use the prepared grout within 30 minutes and maintain moisture for 7 days away from direct sunlight.

Dosage

Calculate the required quantity from the placement volume using the fresh-mortar density of 2.35 g/cm^3 after mixing with water. Mix each 1 kg of FINE with 100 to 130 cc of water.

Storage

Store away from moisture and direct sunlight.

Packaging

25 kg bag

Shelf Life

1 year from the date of production in the original packaging.

Health and Safety

Do not swallow and avoid contact with the eyes.
In case of accidental contact with the skin or eyes, rinse immediately with plenty of fresh water.
If swallowed, seek immediate medical attention.
Refer to the Material Safety Data Sheet (MSDS).
Non-flammable.

Product Information

Physical State	Powder
density	2.3±0.1 g/cm^3
Chloride ion	None

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