



LITE[®] is a fine cementitious grout powder that rapidly hardens and expands after mixing with water. Its controlled expansion fills joints, cracks, voids and recesses, while its stated strength and durability prevent cracking and shrinkage after placement.

Applications

- Filling and repairing minor defects, voids, cracks and surface irregularities
- Fixing precast columns
- Filling voids around reinforcement
- Foundations for heavy machinery

Approvals / Standards

- ASTM C94
- BS EN 934-6
- BS EN 934-2
- ASTM C348

Advantages / Benefits

- Very rapid setting and high early strength
- High resistance to static loads
- Controlled expansion and shrinkage for long-term integrity
- Fills voids, cracks and recesses and produces a uniform surface
- Cement-based formulation with durability and compatibility with construction materials
- Rapid and easy mixing with water
- Suitable slump and flow
- Resistance to high temperatures

Guideline for Use

Before base-plate grouting, verify plate alignment; ensure the supporting concrete is 7 days old; clean dust, oil and rust; saturate the foundation concrete with clean potable water; use watertight, non-absorptive forms and high-density polystyrene sheets where required. Maintain a minimum 10 mm gap beneath the base plate and apply grout at 5°C to 25°C. Forms should extend 2 to 5 cm above the base plate. Pour from one side only, use the prepared grout within 30 minutes, do not add other concrete admixtures, and maintain grout moisture for 7 days away from direct sunlight.

Dosage

Calculate the required quantity from the placement volume and the approved product density. The stated standard mixing rate is 100 to 130 cc of water per 1 kg of LITE.

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.

Basis Of Data

Product Information

density	2.3±0.1 g/cm ³
chloride_ion	None



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