



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



RAMKA

CONSTRUCTION CHEMICALS

Tel: (+98)2533557596

Mail : info@Ramkaco.com

1st Floor, Loghman St., Qom, Iran

www.RamkaCo.com

Important Notes: The information, and, in particular, the recommendations relating to the application and end-use of RAMKA products, are given in good faith based on RAMKA's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with RAMKA's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. RAMKA reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.