

Lehigh Specialty Cement

1. Product Description

Basic Use: Lehigh Specialty cement is designed to be used in masonry and stucco projects requiring a type S mortar. It is formulated to impart excellent workability plasticity and water retention.

Colour: Lehigh Specialty cement has no artificial colors added and has a normal colour of light gray.

Limitations: Lehigh Specialty cement is designed to be mixed with water. It should not be used for making concrete.

2. Technical Data

Applicable Standards: Lehigh Specialty cement is manufactured to conform to **CAN/CSA-A3000-03 "Cementitious Materials Compendium" A3002-03**, the Canadian Specification for Masonry Cement. Lehigh Specialty cement satisfies the requirements for Type S Masonry cement.

Physical Properties: Type S Masonry Cement is a fine grey powder.

Strength: According to CAN/CSA-A3000, mortar cubes made with Type S Masonry cement will obtain minimum and maximum strengths as listed below:

| | | |
|-----------------|---|----------|
| 7 days | - | 9.0 MPa |
| 28 days minimum | - | 14.5 MPa |
| 28 days maximum | - | 25.0 MPa |

Setting Time: According to CAN/CSA-A3000, a paste made with Type S Masonry cement will attain an initial set in a minimum of 60 minutes, and a final set in a maximum of 12 hours, when tested by the Gillmore method.

Specific Gravity: Type S Masonry Cement typically has a specific gravity of 2.95.

3. Safety and Handling

Cement and wet cement mixtures can dry the skin, cause alkali burns and irritate the eyes and upper respiratory tract. Ingestion can cause irritation of the throat. When working with cement and cement mixtures, workers should wear gloves and clothing impervious to moisture. Further safety measures should include; dust masks, safety goggles and barrier cream for exposed skin.

4. Availability

Lehigh Specialty cement is available in 30 kg paper sacks.

5. Warranty

Lehigh Northwest Cement Limited warrants that Lehigh Specialty cement meets the requirements of CAN/CSA-A3000-03 "Cementitious Materials Compendium" A3002-03.

6. Product Storage

All cement must be stored in a dry weather tight enclosure. Bagged material must be stored on pallets which allows air circulation around them.

7. Technical Services

Technical information and services are available from Lehigh Northwest Cement Limited.