



### 1. Product Name

- SESCO Type S Hydrated Lime

### 2. Manufacturer

SESCO Cement Corp.  
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 Houston, TX 77044

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 (713) 814-5000

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### 3. Product Description

#### Basic Use

SESCO Type S Hydrated Lime has many construction, agriculture and industrial uses. Some common uses are detailed below:

| Use:           | Application:  |
|----------------|---|
| Construction   | Mortar/Plaster<br>Soil Stabilization<br>Asphalt<br>Ceramics   |
| Neutralization | Water Treatment<br>Sewage Treatment<br>Acid Waste Treatment<br>Agricultural Soils<br>Acid Gas Treatment |
| Flocculation   | Water Treatment<br>Sewage Treatment<br>Chemical Waste Treatment   |
| Agriculture    | Soil Liming<br>Chicken Litter<br>Composting   |

#### Composition & Materials

SESCO Type S Hydrated Lime is a fine white dry powder that is manufactured by fully reacting quicklime with water (slaking). Hydrated Lime is also known as slaked lime or Calcium Hydroxide.



#### Types

- ASTM C207; Type S

#### Packaging

SESCO Hydrated Lime is supplied in the following package size:

- ASTM C207 Type S - 50 lb. bags

#### Limitations & Disclaimers

There are many variables that affect finished product performance beyond the control of the manufacturer. Following industry recommended practice is required to achieve desired results.

### 4. Technical Data

#### Applicable Standards

ASTM International ASTM C207

#### Physical Properties

| Aspect       | Description                    |
|--------------|--------------------------------|
| Appearance   | Fine white powder              |
| Fineness     | Approx 97% passing a 75µ sieve |
| Surface Area | Approx 1500 m <sup>2</sup> /kg |
| Moisture     | Approx 0.3%                    |
| Odor         | Faintly Earthly                |
| pH           | 12.4                           |
| Bulk Density | 2240 kg/m <sup>3</sup>         |

## 5. Installation

### Selection

Use the following table as a general guide for using SESCO Hydrated Lime for making masonry mortars:

#### ASTM C270 Specifications

| Physical Properties |                                       |                        | Proportions by Volume   |                     |                     |
|---------------------|---------------------------------------|------------------------|-------------------------|---------------------|---------------------|
| Mortar Type         | Min. Ave. Comp. Strength –PSI 28 Days | Water Retention % Min. | Cement <sup>(1,2)</sup> | Lime <sup>(3)</sup> | Sand <sup>(4)</sup> |
| M                   | 2500                                  | 75                     | 1                       | ¼                   | 2.8 to 3 ¾          |
| S                   | 1800                                  | 75                     | 1                       | ¼ to ½              | 2.8 to 4 ½          |
| N                   | 750                                   | 75                     | 1                       | ½ to 1 ¼            | 3.4 to 6 ¾          |
| O                   | 350                                   | 75                     | 1                       | 1 ¼ to 2 ½          | 5.1 to 10 ½         |

#### NOTES:

- (1) Portland Cement-To comply with ASTM C150, Type I, II, III.
- (2) Blended Hydraulic Cements - to comply with ASTM C595, Type IS, IP or I(PM).
- (3) Lime-To comply with ASTM C207 (Hydrated) Type S
- (4) Sand Aggregate-To comply with ASTM C144

## 6. Availability and Cost

### Availability

SESCO Hydrated Lime is available in bags from our terminals by rail or truck to most parts of the United States. This product is available through distribution throughout most of the United States.

### Cost

SESCO Cement products are competitively priced. For specific information contact a SESCO Cement distributor or a SESCO Cement representative. Bulk purchasers should contact SESCO Cement directly for pricing.

## 7. Warranty

The information and statements in SESCO technical and product information are believed to be reliable, but are not to be construed as a warranty or representation for which the manufacturer assumes legal responsibility. No other warranty, representation, or condition of any kind, expressed or implied (including no warranty of merchantability or fitness for a particular purpose) shall apply. Having no control over the use of hydrated lime, SESCO will not guarantee finished work, nor shall SESCO be liable for consequential damages.

## 8. Maintenance

No maintenance required.

## 9. Technical Services

Technical assistance, including more detailed information, product literature, test results, project list, samples, assistance in preparing project specifications and arrangements for job site inspection and supervision, is available by contacting SESCO Quality Control Department.

(844) 737-2687  
[quality@sescocement.us](mailto:quality@sescocement.us)

## 10. Filing Systems

Additional Information is available from the manufacturer upon request.