**Description**

MORTASEAL® Mason’s Lime is a fine-grind, white, high-purity dolomitic lime, fully hydrated for immediate use. When properly combined with portland cement and sand, it creates a lime mortar having superior performance and ageless durability.

MORTASEAL® Mason’s Lime complies with ASTM C207, Type S. This product is available in durable 3-ply, weather-resistant and poly-lined 50-lb. bags.

**Uses**

Recommended for all Type M, S, N and 0 cement-lime mortar (ASTM C270) applications in interior and exterior masonry walls.

**Advantages**

**High Plasticity**

MORTASEAL® Mason’s Lime develops exceptional plasticity and workability immediately upon mixing with water by machine or hand. Carries more sand than most masonry cements or mortar cements for better yield without sacrificing workability.

**Excellent Water Retentivity**

Increases workability and bonding characteristics, reduces segregation of materials, requires less retempering of mortar during use. MORTASEAL® Mason’s Lime mortar resists suction, even from dry masonry, leaves ample time to strike joints.

**Balanced Strength**

Permits optimum balance between workability and bond strength; provides adequate compressive and tensile strength to accommodate structural movement, plus flexibility to absorb normal stresses from winds and vibration.

**Weather Resistance**

Offers tight, uniform bond to resist water penetration, helps prevent efflorescence, leaky walls and frost damage. Self-healing properties of MORTASEAL® Mason’s Lime repair fine cracks for many years after construction.

**Lower Costs**

Easily mixed, makes a richer mortar that carries more sand, works easier, and can save on cementitious material cost. Masonry units lay up faster with less waste and “shake-up” time for greater on-site production.

**Technical Data**

**ASTM C270 Specifications**

<table>
<thead>
<tr>
<th>Mortar Type</th>
<th>Min. Ave. Comp. Strength —PSI</th>
<th>Water Retention % Min.</th>
<th>Cement (1)(2)</th>
<th>Lime (3)</th>
<th>Sand (4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>M</td>
<td>2500</td>
<td>75</td>
<td>1</td>
<td>1/4</td>
<td>2.8 to 3 3/4</td>
</tr>
<tr>
<td>S</td>
<td>1800</td>
<td>75</td>
<td>1/4 to 1/2</td>
<td>2.8 to 4 1/2</td>
<td></td>
</tr>
<tr>
<td>N</td>
<td>750</td>
<td>75</td>
<td>1/2 to 1 1/4</td>
<td>3.4 to 6 3/4</td>
<td></td>
</tr>
<tr>
<td>O</td>
<td>350</td>
<td>75</td>
<td>11/4 to 2 1/2</td>
<td>5.1 to 10 1/2</td>
<td></td>
</tr>
</tbody>
</table>

**NOTES:**

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

**Average Test Results**

<table>
<thead>
<tr>
<th>Mortar Type</th>
<th>Volume Proportions (1)</th>
<th>Comp. Strength—PSI</th>
<th>Water Retention —% (2)</th>
</tr>
</thead>
<tbody>
<tr>
<td>S (2)</td>
<td>1:1/2: 4 1/2</td>
<td>4370</td>
<td>4984</td>
</tr>
<tr>
<td>N</td>
<td>1:1:6</td>
<td>2026</td>
<td>2532</td>
</tr>
<tr>
<td>O</td>
<td>1:2:9</td>
<td>648</td>
<td>904</td>
</tr>
</tbody>
</table>

**NOTES:**

(1) Cement: Mason’s Lime: sand.
(2) Based on materials having an initial flow of 110± 5%.
(3) Test results exceed requirements for Type M mortar.

Letters of certification of compliance of MORTASEAL® Mason’s Lime to ASTM C207 Type S specifications are available.
2.2 Mixes

a. Type M Mortar, shall be mixed in proportion of one bag Portland Cement, one-quarter bag MORTASEAL® Mason's Lime, to not more than 3 3/4 cu. ft. sand (1: 1/4 : 3 3/4).

b. Type S Mortar shall be mixed in proportion of one bag Portland Cement, one-half bag MORTASEAL® Mason’s Lime, to not more than 4 1/2 cu. ft. sand (1 : 1/2 : 4 1/2).

c. Type N Mortar shall be mixed in proportion of one bag Portland Cement, one bag MORTASEAL® Mason’s Lime, to not more than 6 cu. ft. sand (1 : 1 : 6).

d. Type 0 Mortar shall be mixed in proportion of one bag Portland Cement, 2 bags MORTASEAL® Mason’s Lime, to not more than 9 cu. ft. sand (1 : 2 : 9).

3.2 Mortar Application

Lay mortar in a uniform bed and completely fill joints between masonry units.

WARNING:
MAY CAUSE EYE OR SKIN BURNS. HARMFUL IF SWALLOWED.

CONTAINS: Hydrated Lime (calcium magnesium hydroxide)
Avoid contact with eyes or skin.
Do not take internally.
Avoid breathing lime dust.

Always wear NIOSH approved eye goggles when handling lime. In case of eye contact flush eyes thoroughly, including under eyelids, with water for 15 minutes. CALL PHYSICIAN IMMEDIATELY.

Wear protective clothing to prevent skin contact. If skin contact occurs, wash with water. Should skin irritation continue, SEE PHYSICIAN.

If swallowed CALL PHYSICIAN IMMEDIATELY.

Ventilate or use dust collector to prevent airborne lime dust. If there is airborne lime dust use a NIOSH approved dust respirator.

Do not use this material on playing fields or children’s play areas.

KEEP OUT OF REACH OF CHILDREN.

Hazardous ingredient info—(419) 855-8336

NOTICE: There are no warranties which extend beyond the description contained herein. We shall not be liable for incidental and consequential damages, directly or indirectly sustained, nor for any loss caused by application of these goods not in accordance with current printed instructions or for other than the intended use. Our liability is expressly limited to replacement of defective goods. Any claim shall be deemed waived unless made in writing to us within 30 days from the earlier of the date it was or reasonably should have been discovered.