

## 522 Mortar Mix Type S - Portland Cement Lime Mortar



Longleaf 522 Mortar Mix – a preblended engineered mix of high grade professional quality sand and masonry cement.



### Product Name:

Longleaf 522 Mortar Mix Type S -  
 Portland Cement Lime Mortar

### Manufacturer:

Longleaf Packaging, LLC  
 621 Good Farm Rd.  
 Vance, SC 29163  
[www.longleafpackaging.com](http://www.longleafpackaging.com)

### Package Size:

80 lb. & 3,000 lb. bulk bag

### Features & Benefits:

- High strength – 1,800 psi when tested in accordance in a lab. Note: There is not a minimum strength for field tested mortars.
- For projects requiring structural strength for brick and block foundations.
- Applications from 1/4" (6 mm) to 1/2" (13 mm)

### Application:

- Laying brick
- Laying block
- Laying stone
- Walls
- Chimneys
- Tuck pointing & repairs

### Water Coverage/Yield:

80 lb bag will lay approximately:  
 - 12 each 8" concrete block  
 - 35 each standard bricks

One 3,000 lb bulk bag will lay approximately:

- 450 8" concrete blocks
- 1,350 standard bricks

### Technical Information:

ASTM International

- ASTM C270 Specification for Mortar for Unit Masonry

Mortar	Average Compressive Strength Minimum psi (MPa)	Water Retention Min. %	Air Content Max. %
Type M	28 days 2500 (17.2)	75	18
Type S	28 days 1800 (12.4)	75	18
Type N	28 days 750 (5.2)	75	18

### Workmanship:

This product should be installed in accordance of the applicable ASTM standards and the local building codes. Follow traditional industry best practices appropriate for the application and all weather conditions. Good workmanship along with proper design and details will assure adequate, reliable, and a watertight construction.

## 522 Mortar Mix Type S - Portland Cement Lime Mortar

Longleaf requires that when using this product in any application or as part of any project that includes this product, the contractor/professional will test all the project components together for compatibility, performance and long-term intended use with accordance with the ASTM standards and industry standards before any construction or use. Written documentation of tests conducted should be acceptable to the contractor/professional. Test results must include the means and methods of application, products used, individual projects conditions and any other standard tests performed. All approved mock ups or samples should be retained until project is completed.

### **Mixing Instructions:**

Mix with a mechanical mixer. For best results the mortar mix should be mixed for 5 minutes, let rest for 2 minute and then mixed again for an additional 2 minutes.

For silo mixing: Use the same approximate water ratio and follow same procedures.

For consistency of finish and color, joints should be struck with consistent timing, avoiding early or late tooling.

### **Caution:**

Air, mix and substrate temperatures should be between 40°F (4°C) and 90°F (32°C)

NOTE: Proper application and installation of all Longleaf products are the responsibility of the end user.

### **Safety:**

READ AND UNDERSTAND ALL THE INFORMATION ON THE SAFETY DATA SHEET (SDS) BEFORE USING THIS PRODUCT. SDS sheets are available at our website [www.longleafpackaging.com](http://www.longleafpackaging.com) under technical or call CHEMTREC at 800-424-9300.

**WARNING:** Wear protective clothing and equipment.

**KEEP OUT OF REACH OF CHILDREN.**

### **Limited Warranty:**

The manufacturer warrants that this product shall be of merchantable quality when used or applied in accordance with the manufacturer's instructions. This product is not warranted as suitable for any purpose other than the general purpose for which it is intended. For more warranty information, contact the Longleaf Packaging office.