

Spec
Sheet

**PORTLAND
CEMENT -
LIME
MIX**

Meets ASTM C-270
for
Cement-Lime Mortar,
Types N and S



TECHNICAL
SPECIFICATIONS



Spec Sheet

PRODUCT DESCRIPTION

CEMEX Portland Cement-Lime Mix is a factory blended product consisting of Portland Cement that meets ASTM C-150 Specifications and hydrated lime that meets ASTM C-207 (Type S) Specifications. This Portland Cement-Lime Mix is mixed with 1:2-1/4 to 1:3-1/2 cubic feet of sand meeting ASTM C-144 Specifications, and will produce a mortar that exceeds the requirements of ASTM C-270 and U.B.C. 24-20B for Type N or S Portland Cement-Lime Mortar.

INSTALLATION

Mixing

One bag of CEMEX PC/L Mix should be mixed with 2-1/4 to 3 cubic feet of damp masonry sand meeting ASTM C-144. Introduce to a running mixer, the major portion of water and half the sand required. Next, add the PC/L Mix followed by the remainder of the sand and trim off with small increments of water to the desired workability. Continue to mix after all ingredients are added for at least three minutes and preferably five minutes for optimum qualities.

Admixtures

No admixtures should be used without the written approval of the architect. If admixtures are specified, they must be checked before the job starts under the parameters of the Property Specifications of ASTM C-270.

Hot Weather and Retempering

Mortars exposed to hot winds

and full sun will tend to lose workability due to the evaporation of water. Common sense precautions should be taken to protect the mortar such as shading the mixer, wetting mortar boards, covering wheelbarrows and tubs, and balancing mortar production to meet demand. If it is necessary to restore workability, mortar may be retempered by adding water and remixing. No mortar shall be used or retempered beyond 2-1/2 hours after the initial mixing in order to preclude using any mortar that may have begun to hydrate.

Cold Weather Precautions

Water shall be heated to obtain a minimum mortar temperature of 50°F. No anti-freeze material should be added to the mortar. Units shall be covered and kept in a dry condition, stock piled off the ground. Sand shall be protected and/or heated to prevent ice from forming. The fresh work shall be protected at a minimum temperature 40°F for at least three days to provide proper curing for the mortar.

AVAILABILITY

CEMEX's Portland Cement-Lime Mix is available throughout the country and can be ordered by contacting any of the following offices:

- Alabama 800-854-2872
- California 800-966-0075
- Colorado 800-848-5871
- Florida 800-727-6261
- Georgia 800-367-1668
- Kentucky 800-626-6117
- Michigan 800-482-6880
- Ohio 800-848-3498
- Pennsylvania 800-245-1705
- Tennessee 800-352-7582
- Texas-Balcones 800-492-9004
- Texas-Odessa 800-927-4838
- Wisconsin 800-433-3800

WARRANTY

CEMEX warrants that the products identified are in accordance with the appropriate current ASTM and Federal Specifications. No one is authorized to make any modifications or addition to this warranty. **CEMEX makes no warranty or representation, either expressed or implied, with respect to this product, and disclaims any implied warranty of fitness for a particular purpose.** As CEMEX has no control over the ingredients mixed with this product or the final application, CEMEX does not and cannot warrant the finished work.

In no event shall CEMEX be liable for direct, indirect, special, incidental, or consequential damages arising out of the use of this product, even if advised of the possibility of such damages. In no case shall CEMEX's liability exceed the purchase price of this product.

TECHNICAL SERVICES

CEMEX personnel are available to provide technical assistance by contacting any of the offices listed above.

FILLING SYSTEMS

Electronic SPEC-DATA
SPEC-DATA

U.S. Operations Headquarters

1200 Smith Street, Suite 2400
Houston, Texas 77002
(713) 650-6200
(800) 451-6771

www.cemex.com