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

1. Specifications below are offered as desirable inclusions in any masonry specifications, but are not intended to be complete.

2. Generally, masons consider a 94-lb bag of Portland Cement and a 50-lb bag of hydrated lime to each equal 1 cu. ft, and would add 6 cu. ft sand to make a 1:1:6 mix. Actually, a bag of hydrated lime equals about 1 1/4 cu. ft.


Part 1: General
1. Scope
Specify to meet project requirements.

1.2 Delivery and Storage of Materials
All materials shall be delivered in their original unopened packages, containers, bundles, and stored in place providing protection from damage, deterioration and contamination. Damaged, deteriorated or contaminated materials shall be removed from the premises.

1.3 Environmental Conditions
In cold weather, temperature of masonry materials shall be above freezing when placed. Masonry shall be protected from freezing for 48 hrs. after placing unless precautions against freezing are taken, masonry shall not be erected when temperature is below 32 F on a freezing temperature, or below 45 F on a falling temperature.

Masonry shall not be laid on walls or footing that are frozen or contain frost. (See good design practices noted above.)

Part 2: Products
2.1 Materials
a. Portland Cement — Conforming to ASTM C150, Type
b. Hydrated Lime — Mason's Lime, conforming to ASTM C207, Type S
c. Aggregate — Sand conforming to ASTM C144.
d. Water-Clean and free of deleterious amounts of acids, alkalis, and organic materials.

2.2 Mixes
a. Type M Mortar shall be mixed in proportion of one bag Portland Cement, one-quarter bag Mason's Lime, to not more than 3 3/4 cu. ft. sand (1:1/4: 3 3/4).
b. Type N Mortar shall be mixed in proportion of one bag Portland Cement, one-half bag Mason's Lime, to not more than 4 1/2 cu. ft sand (1:1/2: 4 1/2).
c. Type S Mortar shall be mixed in proportion of one bag Portland Cement, one bag Mason's Lime, to not more than 6 cu. ft sand (1:1: 6).
d. Type O Mortar shall be mixed in proportion of one bag Portland Cement, two bags Mason's Lime, to not more than 8 cu. ft sand (1:2: 3).

Part 3: Execution
3.1 Mixing Mortar
Proportion ingredients accurately and mix for at least 5 minutes in mechanical batch mixer with enough water to produce a workable consistency.

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 inhale internally.
Avoid inhaling 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, CEO (BEE Pharmaceuticals) 313-231-9177, or any hospital or clinic to prevent airborne dusts. If there is airborne dust use a NIOSH approved dust mask. Do not use this material on playing fields or children's play areas.

KEEP OUT OF REACH OF CHILDREN.
Hazardous ingredient info—(410) 555-0036.
NOTICE: There are no warranties which extend beyond the description contained herein. We shall not be liable for incidental and consequential damages, direct, or indirectly caused by application of these goods not in accordance with current printed instructions, or for any losses caused by application of these goods not in accordance with current printed instructions, or for any losses caused by application of the goods, and for any damage caused by the goods, and for any damage caused by the goods. Any claim shall be deemed waived unless made in writing to us within 20 days from the date of the date it was or reasonably should have been discovered.