

MASON MIX

PRODUCT NO. 1136

PRODUCT DESCRIPTION

QUIKRETE® Mason Mix is a contractor grade mortar mix designed for laying brick, concrete masonry units and stone.

PRODUCT USE

QUIKRETE® Mason Mix is a contractor grade mortar mix designed for laying brick, concrete masonry units and stone. QUIKRETE® Mason Mix is a pre-blended, sanded product. The standard formulation meets ASTM C 270 and C 1714 as Type S mortar. Other types are available by special request.

COLORS

QUIKRETE® Mason Mix is available in gray and additional colors by special order. Color can also be added to the product as it is mixed by adding QUIKRETE® Stucco and Mortar Color (#1319) to the mixing water. Twenty standard colors are available.

SIZES

- QUIKRETE® Mason Mix -
 - 60 lb (27.2 kg) bags
 - 80 lb (36.3 kg) bags
 - 94 lb (42.6 kg) bags
 - 25 kg (55 lb) bags
 - 30 kg (66 lb) bags

YIELD

- Each 80 lb (36.3 kg) bag of QUIKRETE® Mason Mix will lay up to 37 standard bricks or 13 standard (8" x 8" x 16" [200 mm x 200 mm x 400 mm]) blocks.

TECHNICAL DATA

APPLICABLE STANDARDS

ASTM International

- ASTM C 270 Specification for Mortar for Unit Masonry
- ASTM C 387 Specification for Packaged, Dry, Combined Materials for Mortar and Concrete
- ASTM C 1714 Specification for Preblended Dry Mortar Mix for Unit Masonry

PHYSICAL/CHEMICAL PROPERTIES

QUIKRETE® Mason Mix meets or exceeds the property requirements of ASTM C 270, ASTM C 387 and ASTM C 1714 for the type selected. Refer to Appendix XI of ASTM C270 for guidance in selecting the proper mortar type. See Table 1.

DIVISION 4

Masonry Mortaring
04 05 13



INSTALLATION

SURFACE PREPARATION

Surfaces to receive Mason Mix should be clean and free of dirt, loose debris, grease, oil, etc., for the best possible bond.

MIXING

- For each 80 lb (36.3 kg) bag, add 9 pt (4.3 L) of fresh water to mixer
 - Turn the mixer on and begin adding bags of Mason Mix
 - If the material becomes too difficult to mix, add additional water until a workable mix of trowelable consistency is obtained
- Note - Final water content should be 9 - 14 pt (4.3 - 6.6 L) for each 80 lb (36.3 kg) bag and 7 - 10 pt (3.3 - 4.7 L) for each 60 lb (27.2 kg) bag.

Table 1

Hydraulic Cement- Lime Mortars or Cement Mortars			
Type	Minimum Compressive Strength, psi (MPa)	Water Retention Minimum %	Air content Maximum %
M	2500 (17.2)	75	12
S	1800 (12.4)	75	12
N	750 (5.2)	75	14 ¹
O	350 (2.4)	75	14 ¹
Masonry Cement Mortars			
Type	Minimum Compressive Strength, psi (MPa)	Water Retention Minimum %	Air content Maximum %
M	2500 (17.2)	75	18
S	1800 (12.4)	75	18
N	750 (5.2)	75	20 ²
O	350 (2.4)	75	20 ²

¹ When structural reinforcement is included, the maximum air content shall be 12%

² When structural reinforcement is included, the maximum air content shall be 18%

INSTALLATION

- Apply a full bed of mortar onto the base, approximately 1/2" - 3/4" (12.7 - 19.1 mm) thick
- Push downward into the mortar bed and sideways against the previously laid block with a slight twisting motion

• Tool the mortar joints when they become thumbprint hard. This will make the mortar joint watertight and provide a neat appearance

CURING

Curing of masonry mortars is required only if conditions are very hot, dry or windy. In such cases, a gentle mist of water applied to the surface will prevent premature drying and improve the strength of the mortar.

PRECAUTIONS

Variations in mix water amount, mix time, curing conditions and finishing will cause color variations.

WARRANTY

The QUIKRETE® Companies warrant this product to be of merchantable quality when used or applied in accordance with the

instructions herein. The product is not warranted as suitable for any purpose or use other than the general purpose for which it is intended. Liability under this warranty is limited to the replacement of its product (as purchased) found to be defective, or at the shipping companies' option, to refund the purchase price. In the event of a claim under this warranty, notice must be given to The QUIKRETE® Companies in writing. This limited warranty is issued and accepted in lieu of all other express warranties and expressly excludes liability for consequential damages.

The QUIKRETE® Companies
One Securities Centre
3490 Piedmont Rd., NE, Suite 1300; Atlanta, GA 30305
(404) 634-9100 • Fax: (404) 842-1425