



1. Product Name

QUIKRETE® Mason Mix #1136

2. Manufacturer

The QUIKRETE Companies
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3. Product Description

BASIC USE

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

COMPOSITION & MATERIALS

QUIKRETE Mason Mix is a preblended, sanded product. The standard formulation meets ASTM C270 Type S. 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

- 60 lb (27.2 kg) bags
- 80 lb (36.3 kg) bags

4. Technical Data

APPLICABLE STANDARDS

ASTM International

- ASTM C270 Standard Specification for Mortar for Unit Masonry
- ASTM C387 Standard Specification for Packaged, Dry, Combined Materials for Mortar and Concrete

PHYSICAL/CHEMICAL PROPERTIES

QUIKRETE Mason Mix meets or exceeds the property requirements of ASTM C270 and ASTM C387 for the type selected. Refer to Appendix XI of ASTM C270 for guidance in selecting the proper mortar type. See Table 1.

5. Installation

PREPARATORY WORK

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.

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

COVERAGE

Each 80 lb (36.3 kg) bag of QUIKRETE Mason Mix will lay up to 37 standard bricks or 13 standard blocks.

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.



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PRECAUTIONS

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

6. Availability

QUIKRETE Mason Mix #1136 is available at leading concrete construction supply houses and distributors. Contact QUIKRETE Construction Products for the name of the nearest dealer.

7. 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

TABLE 1 PHYSICAL REQUIREMENTS FOR MASONRY MORTARS

Materials	Type	Minimum compressive strength psi (MPa)	Water retention, minimum percent	Air content, maximum percent
Hydraulic cement-lime mortars or cement mortars	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	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%.



Companies in writing. This limited warranty is issued and accepted in lieu of all other express warranties and expressly excludes liability for consequential damages.

8. Maintenance

None required.

9. Technical Services

The QUIKRETE Companies maintain technical field representatives throughout the country. Contact a local distributor for the name and number of the nearest representative or call QUIKRETE Construction Products.

10. Filing Systems

- Reed First Source
- Additional product information is available from the manufacturer.