BULK MASONRY MORTARS & COREFILL MASONRY GROUTS

PRODUCT DESCRIPTION
QUIKRETE® Bulk Masonry products are contractor-grade masonry mortars and grouts designed for building and reinforcing walls made of brick, block or stone.

PRODUCT USE
QUIKRETE® Bulk Masonry Mortars and Corefill Masonry Grouts are pre-blended sanded products requiring only the addition of water. Mortars are available in Types M, N or S, using either masonry cement or a Portland/lime blend. Fine and coarse grouts are available in 80 lb (36.3 kg) bags.

YIELD
A 3000 lb (1362 kg) bag will yield:
- Grout
  - Fine - 0.95 yd³ (0.73 m³)
  - Coarse - 0.90 yd³ (0.69 m³)
- Mortar
  - Portland/lime - 0.95 yd³ (0.73 m³)
  - Masonry cement - 1.05 yd³ (0.83 m³)

SIZES
The standard package is delivered in 3000 lb (1362 kg) bulk bags (super sacks), which are typically charged into mini-silos that hold up to 6 super sacks. QUIKRETE® Masonry Mortars and Corefill Masonry Grouts are also available in 80 lb (36.3 kg) bags.

COVERAGE
Mortar
Each 3000 lb (1362 kg) bag of QUIKRETE® bulk masonry mortar will lay up to 1400 standard bricks or up to 530 standard blocks. Coverage will vary with mortar type and mortar placement method.

Grout
Each 3000 lb (1362 kg) bag of QUIKRETE® fine grout will fill the cores of approximately 110 standard 8” × 8” × 16” (203 × 203 × 406 mm) block. Coverage is reduced to approximately 105 blocks per bag of coarse grout.

TECHNICAL DATA
APPLICABLE STANDARDS
ASTM International

PHYSICAL/CHEMICAL PROPERTIES
QUIKRETE® Bulk Masonry Mortars meet and exceed the performance requirements of ASTM C270 for the designated type of mortar as shown in Tables 1 and 2.

<table>
<thead>
<tr>
<th>TABLE 1 - COMPRESSIVE STRENGTHS</th>
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</thead>
<tbody>
<tr>
<td>Mortar Type</td>
</tr>
<tr>
<td>N</td>
</tr>
<tr>
<td>S</td>
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<tr>
<td>M</td>
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</tbody>
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<table>
<thead>
<tr>
<th>TABLE 2 – OTHER PROPERTIES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mortar Type</td>
</tr>
<tr>
<td>N</td>
</tr>
<tr>
<td>S</td>
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<tr>
<td>M</td>
</tr>
</tbody>
</table>

1 Mortars made with Portland cement and hydrated lime or mortar cement
2 Mortars made from masonry cement

QUIKRETE® Corefill Masonry Grouts meet and exceed the performance requirements of ASTM C476 for masonry grouts and achieve the typical properties shown in Table 3, when tested in accordance with that specification.

<table>
<thead>
<tr>
<th>TABLE 3 – TYPICAL PROPERTIES</th>
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</thead>
<tbody>
<tr>
<td>Property</td>
</tr>
<tr>
<td>Water Content</td>
</tr>
<tr>
<td>Slump</td>
</tr>
<tr>
<td>28 day strength</td>
</tr>
<tr>
<td>Unit Weight, Fine</td>
</tr>
<tr>
<td>Unit Weight, Coarse</td>
</tr>
</tbody>
</table>

Higher strength products are available to meet jobsite strength requirements.
INSTALLATION

MIXING (MORTARS)
QUIKRETE® Bulk Masonry Mortars require only the addition of water. Mix for approximately 5 minutes in a standard mortar mixer.

PLACING
• Apply a full bed of mortar onto the base, approximately 1/2" - 3/4" (12 - 19 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 the joints become “thumb print” 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.

MIXING (GROUTS)
QUIKRETE® Corefill Masonry Grouts require only the addition of water. Mix for approximately 5 minutes in a standard mortar mixer or drum-style concrete mixer. Slump must be 8" - 11" (200 - 280 mm) to comply with ASTM C 476 and local building codes.

PLACING
Pump or pour into cores of the wall. Consolidate by vibration and refill in accordance with building code requirements.

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

WARRANTY
NOTICE: Obtain the applicable LIMITED WARRANTY: at www.quikrete.com/product-warranty or send a written request to The Quikrete Companies, LLC, Five Concourse Parkway, Atlanta, GA 30328, USA. Manufactured under the authority of The Quikrete Companies, LLC. © 2018 Quikrete International, Inc.

* Refer to www.quikrete.com for the most current technical data, MSDS, and guide specifications