



**1. Product Name**

Holcim Mortar Cement

**2. Manufacturer**

Holcim (US) Inc.  
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P.O. Box 122  
Dundee, MI 48131  
(888) 646-5246  
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**3. Product Description**

**BASIC USE**

Holcim Mortar Cement is part of Holcim's Envirocore™ family of environmentally friendly products. Envirocore products may contain pre-consumer recycled materials or their manufacture may use less energy than a comparable portland cement. Use of these materials may contribute to achieving points or credits in LEED® or other green building assessment systems.

Holcim Mortar Cement is scientifically formulated and manufactured to be used in producing masonry mortars for use in brick, block and stone masonry. Holcim Mortar Cement mortars are recommended for above- and below-grade walls, load bearing walls and where higher strengths and bond are needed. Mortar Cement can also be used to produce stucco, a versatile facing material that can be applied to wall or ceiling surfaces to achieve special architectural finishes.

**COMPOSITION & MATERIALS**

Holcim Mortar Cement is a combination of portland cement, plasticizers, ground limestone and air entraining additives. The above ingredients are combined and processed at Holcim manufacturing facilities under controlled conditions to ensure uniform performance.

**TYPES**

Holcim Mortar Cement is produced to meet all requirements of ASTM C 1329 for the indicated type of mortar cement, including air content, compressive strength and bond strength. It is

for use in preparing mortar that conforms to ASTM C 270 for the indicated type.

**SIZES**

Holcim Mortar Cement is available in the following packaging sizes (bags)

- Type S - 34 kg (75 lb)

**COLORS**

Holcim Mortar Cement is gray. Holcim also markets pigmented mortar cement products such as Holcim Mortamix® Rainbow Custom Color Mortar Cements™.

**BENEFITS**

- Provides consistent strength, durability and workability
- Manufactured under controlled conditions to ensure uniform performance

**4. Technical Data**

**APPLICABLE STANDARDS**

ASTM International

- ASTM C 144 Standard Specification for Aggregate for Masonry Mortar
- ASTM C 270 Standard Specification for Mortar for Unit Masonry
- ASTM C 1329 Standard Specification for Mortar Cement

**PHYSICAL/CHEMICAL PROPERTIES**

- Holcim Mortar Cement conforms to ASTM C 1329 for the indicated type
- Holcim Mortar Cement is used to produce ASTM C 270 mortar of the indicated type
- Requirements for sand to be used in conjunction with these products are outlined in ASTM C 144
- Holcim Mortar Cement is formulated to provide consistent strength, durability and workability as well as a pleasing final aesthetic appearance
- It also provides the compressive and bond strength needed for engineered masonry construction

**5. Installation**

**PREPARATORY WORK**

Holcim Mortar Cement should be mixed in accordance with the proportions outlined in ASTM C 270. Machine mixing is highly recommended. Mixing instructions are printed on each bag and shown below:

- Use 1 bag of Mortar Cement to 2¼ to 3 parts by volume of masonry sand conforming to ASTM C 144



Mortar Cement

- First add approximately 3/4 of the water required, 1/2 the sand, and 1 bag of Mortar Cement to the mixer
- Finally, add the rest of the sand and sufficient water to achieve the desired field workability
- The combined materials should be mixed for 3 - 5 minutes after all materials are in the mixer

**PRECAUTIONS**

**Performance**

- Never change sand sources or amounts during the project
- Do not use any other additives or admixtures
- Tool all joints to the same degree of firmness
- Avoid excessive re-tempering, which could result in color variations
- Protect masonry units from weather before and after they are set in place
- Holcim does not recommend the use of acid-based cleaning solutions

**Safety**

Avoid direct contact with the skin. If contact occurs, wash skin with water as soon as possible. Exposure of sufficient duration to wet Holcim Mortar Cement can cause serious and potentially irreversible tissue destruction in the form of chemical burns. If Holcim Mortar Cement gets into the eyes, immediately flush eyes thoroughly with water and seek medical attention.

For more complete information, refer to the Material Safety Data Sheet (MSDS), which should be consulted prior to use of this product. The MSDS is available from the manufacturer upon request.

## 6. Availability & Cost

### AVAILABILITY

Holcim Mortar Cement is available throughout most of the United States. Contact Holcim about local availability.

### COST

Pricing information can be obtained from the nearest Holcim Sales Office.

## 7. Warranty

Upon request, Holcim can provide Material Certification Reports demonstrating that Holcim Mortar Cement meets or exceeds applicable ASTM standards. Holcim (US) Inc. will not guarantee finish work, having no control over use of this product. We shall not be responsible for condition of cement after delivering to dealer or distributor.

## 8. Maintenance

In areas where cleaners and sealers are used, proper instructions should be followed. Contact the appropriate product manufacturer before application.

## 9. Technical Services

Technical service is available by contacting the nearest Holcim Sales Office at (888) 646-5246. With advance notice, technical service can be provided at jobsite locations.

## 10. Filing Systems

- SmartBuilding Index (SBI)
- Additional product information is available from the manufacturer
- [www.holcim.us](http://www.holcim.us)

## Corporate Headquarters

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## Corporate Office

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