



NATURAL CEMENT

Available in 40lbs, 70lbs and 2000lbs bulk bags

Century Brand Natural Cement is produced from quarrying the original and historic cement quarries in upstate NY, burning the stone in our plant in Brookfield, MA at low temperatures, and then grinding the clinker to yield natural cement. Just pure, genuine, & authentic natural cement.

NATURAL COLOR

Because Century Brand Natural Cement is made from genuine and authentic natural cement stone, matching historic mortar and plaster is easy, as the distinctive color of traditional natural cement is the distinctive color of Century Brand Natural Cement.

WORKABILITY • SET TIME • DURABILITY

Century Brand Natural Cement has the same richness of traditional Natural Cement

When mixed and installed correctly Century Brand Natural Cement is known for its' quicker set times and proven durability in the harshest environments. It has been successfully used in the most extreme exposures, from Fort Jefferson in the middle of the Dry Tortugas to harsh Canadian winters.

PROPERTIES

- Pure and Natural
- Excellent Set Time
- Gradual Strength Gain
- High Vapor Permeability
- Low Modulus of Elasticity

APPLICATIONS

MASONRY

Throughout the 19th century, natural cement was the preferred choice when building our lasting architectural treasures, such as the Brooklyn Bridge, the US Capitol, High Bridge and fortifications. Ours is made from the exact same materials.

PLASTERS

When it comes to durable, long lasting, and weather resistant stuccos and plasters, Century Brand Natural Cement provides breathable, eco-friendly, and flexible coatings for historic structures made from real Natural Cement limestone.

GROUTS/ SPECIALTY

Traditionally architects, engineers, and builders relied on natural cements from upstate NY to solve issues that arise from building aqueducts, canals, and more. Century Brand Natural Cement has been used for like repairs in many of these applications.

For further information, contact: Freedom Cement, LLC, 24 East Brookfield Road, North Brookfield, MA 01535. 866-254-7277 info@freedomcement.com



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MIXING

Mixing per 70lb bag of Century Brand Natural Cement	NATURAL CEMENT: SAND (by volume)	ESTIMATED COVERAGE (sq. ft.)**
REPOINTING & BEDDING OF STONE AND BRICK MASONRY (1/4"-3/4" mortar joints)	1 bag : 11 Gallons (Masonry Sand ASTM C144)	Will lay: 110 Brick Will repoint 275 sq ft.
REPOINTING & BEDDING OF ASHLAR STONE AND PRESSED BRICKWORK (<1/4" mortar joints)	1 bag : 7.5 Gallons (Fine Silica Only)	Will lay: 180 Brick Will repoint 450 sq ft.
REPOINTING & BEDDING OF RUBBLE STONE* (>3/4" mortar joints)	1 bag : 15 Gallons (Masonry Sand ASTM C144)	Will lay: 225 linear ft (4" bed) Will repoint 900 linear ft.
PLASTER & STUCCO ON MASONRY SUBSTRATES* (1/4" - 3/8" plaster coats)	1 bag : 15 Gallons (Masonry Sand ASTM C144)	Per 1/4": 85 sq ft
GROUTS FOR FILL (Measured by Cubic Foot)	1 bag : 15 Gallons (Masonry Sand ASTM C144)	3.4 cubic feet
* When a coarser or denser mix is required (as in lath plaster work) substitute 1 portion of mason sand for concrete sand.		** Grouts for fill should be determined by cubic foot.

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SURFACE PREPARATION

- Old mortar should be removed as specified in the contract documents and should be a uniform depth.
- Area to be repaired should be sound and free of all dust, dirt, grease, or foreign substances.
- MOISTEN WORK TO BE REPAIRED WITH WATER TO CONTROL SUCTION OF THE MASONRY UNITS.
- Do not apply to excessive hot or frozen masonry. Minimum temperature should be 40° F and rising.

MIXING

- Water dosing should be determined by the cement to aggregate ratio used.
- Mixing may be done by hand or mechanical mixer until the product is thoroughly combined.
- Working time will depend on temperature and humidity and material should be mixed and used before initial set has occurred.
- ONLY MIX AS MUCH MATERIAL AS CAN BE INSTALLED IN 30 MINUTES

CURING/AFTERCARE

- Protect work from sun, wind, drying rains, for 24-72 hours depending on absorption rates of the historic substrates. Damp mist as necessary to maintain optimal curing conditions
- Depending on mix design and atmospheric conditions additional periods of curing may be deemed necessary.

Century Brand and Freedom Cement makes no warranty or guarantee, express or implied, including warranties of fitness for a particular purpose or merchantability, respecting its products. Applicator assumes all risks and liabilities in connection with the suitability of the products for the intended use.