



MORTAR MIX TYPE N

◆ The Pro's Choice Since 1936



Sakrete® Type N Mortar Mix is a preblended mixture of sand and masonry cement or sand, lime and portland cement. For laying brick, block and stone in load bearing walls. Build walls, planters, and chimneys. For tuck pointing or repairing existing mortar joints. Can also be used for scratch and brown coat in stucco applications. Meets property requirements of ASTM C270 and C1714.

Features:

- Strength >750 psi
- Meets property requirements of ASTM C1714 and ASTM C270
- Applications from 1/4" (6.4 mm) to 1/2" (13 mm)
- Can be color pigmented with the Sakrete Cement Colors

Use For:

- Laying brick or block
- Scratch and brown coat in stucco
- Above grade applications
- Interior or exterior
- Brick and block tuck pointing

Yield/Water/Coverage:

Bag Size	Yield: For laying brick, block, or cultured stone	Yield: For stucco	Water
40 lb (18.1 kg)	Will lay 6 = 8" (200 mm) concrete block, 18 standard bricks or 5 ft ² (0.5 m ²) of cultured stone	Will cover 35 ft ² (3.3 m ²) at 1/8" (3.2 mm) thick	2.6 qt (2.5 L)
60 lb (27.2 kg)	Will lay 9 = 8" (200 mm) concrete block, 26 standard bricks or 7.5 ft ² (0.7 m ²) of cultured stone	Will cover 50 ft ² (4.3 m ²) at 1/8" (3.2 mm) thick	4.0 qt (3.8 L)
80 lb (36.3 kg)	Will lay 12 = 8" (200 mm) concrete block, 35 standard bricks or 10 ft ² (1.0 m ²) of cultured stone	Will cover 70 ft ² (6.4 m ²) at 1/8" (3.2 mm) thick	5.3 qt (5 L)

NOTE: Yield and water are approximate. The yield above does not allow for waste and spillage.

Technical Data:

Compressive Strength ASTM C270 28 day= >750 psi
Water Retention > 75%

Mortar should be tested in the field by ASTM C780, standard test method for preconstruction & construction evaluation for mortar for plain and reinforced unit masonry. Due to the procedure differences between ASTM C270 and ASTM C780, the compressive strength values resulting from field sampled mortar are not required nor expected to meet the minimum compressive strengths of the property specifications of ASTM C270 as tested in controlled laboratory conditions.

DIVISION 4

Masonry Mortaring – 04 05 13

Color: Gray

Preparation/Application:

For best results all materials should be stored between 40°F (4°C) and 80°F (27°C) 24 hours prior to installation.

Refer to:

- ACI 530.1 Specification for Masonry Structures
- International Masonry Industry All-Weather Council (IMIAC)
 - Recommended Practices and Guild Specifications for Cold Weather Masonry Construction
 - Recommended Practices and Guide Specifications for Hot Weather Masonry Construction

NOTE: it is the responsibility of the installer/applicator to ensure the suitability of the product for its intended use.

New Construction:

When laying brick or block, construct a sound footing above grade. Consult with your local building codes before proceeding. For more information visit Sakrete.com

1. Apply a full bed of mortar onto the base where the brick or block will be placed.
2. When laying brick or block butter the end with mortar before placing into the full bed of mortar.
3. Tap into place while leveling.
4. Tool joints once the mortar has set up enough and is thumb print hard.

Tuck Pointing:

1. Place mortar into the joint with a tuck pointing trowel or grout bag.
2. Use the tuck pointing trowel to tool the joint and compact for a tight neat appearance.

Scratch/Brown/Stucco:

1. Application over masonry must follow ASTM C926 Standard Specification for Application of Portland Cement Based Plaster.
2. Applications over lath must follow ASTM C1063 Standard Specification for Installation of Lathing and Furring to receive interior and exterior Portland cement based plaster.
3. Apply material using a trowel and masonry hawk using enough pressure to compact the material.
4. Texture stucco to match the surrounding area using a plasterer's trowel or finish to desired texture.

NOTE: Check with local building code requirements for proper installation guidelines.

Mixing:

1. Empty contents of Sakrete Type N Mortar Mix into a wheelbarrow or mortar pan forming a crater in the center of the dry mix for the addition of clean potable water. Projects requiring multiple bags are mixed much easier with a mechanical mixer.



MORTAR MIX TYPE N

◆ The Pro's Choice Since 1936

2. Add clean potable water (see table for water amounts) or enough to achieve a workable mix. Add additional water if needed. A SOUPY MIX MUST BE AVOIDED.
3. Excess water reduces strength and durability and can cause cracking, dusting or scaling.
4. Re-tempering impairs performance.

Curing:

1. Proper curing is critical for sound results. Curing means maintaining proper moisture and temperature. The material must be kept continuously moist for several days.
2. In hot or windy conditions keep the mortar/stucco damp to promote a proper curing.
3. Drape plastic over the wall to help retain moisture.
4. If surface begins to appear dry remove the plastic moisten the surface and replace the plastic.

Can be painted: Using an alkali resistant lime proof paint usually after 7 days of the stucco application provided the masonry is dry. Contact paint manufacturer for application recommendations.



Precautions:

Air, mix and substrate temperatures should be between 40°F (4°C) and 90°F (32°C) and no rain in the forecast within 24 hours of application. For applications outside this range of temperatures and conditions, contact Sakrete Technical Service.

- Colder temperatures or higher humidity conditions will retard set times.
- Use only clean mixing container and tools.
- Do not over trowel.
- Do not overwater.
- Do not add any materials other than clean potable water or Sakrete Bonder and Fortifier. See Technical Data Sheet for mixing instructions.
- Protect from freezing for 24 hours.

NOTE: Proper application and installation of all Sakrete products are the responsibility of the end user.

Safety:

READ and UNDERSTAND the Safety Data Sheet (SDS) before using this product. WARNING: Wear protective clothing and equipment. For emergency information, call CHEMTREC at 800-424-9300 or 703-527-3887 (outside USA). KEEP OUT OF REACH OF CHILDREN.



Limited Product Warranty:

The manufacturer warrants that this product shall be of merchantable quality when used or applied in accordance with the manufacturer's instructions. This product is not warranted as suitable for any purpose other than the general purpose for which it is intended. This warranty runs for one (1) year from the dates the product is purchased. ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THIS PRODUCT IS LIMITED TO THE DURATION OF THIS WARRANTY. Liability under this warranty is limited to replacement or defective products or, at the manufacturer's option, refund of the purchase price. CONSEQUENTIAL AND INCIDENTAL DAMAGES ARE NOT RECOVERABLE UNDER THIS WARRANTY.