

DESCRIPTION:

SAKRETE® MORTAR MIX 'Type N' mortar is a pre-blended mix of fine aggregate and Portland cement. SAKRETE® MORTAR MIX is a general purpose mortar that combines ease of mixing with consistent quality.

USES:

SAKRETE® MORTAR MIX is recommended for the construction of masonry walls using concrete block, clay brick, screen blocks, glass block and stone. It is also ideal for stucco repairs and repointing existing mortar joints.

PROCEDURES:

SURFACE PREPARATION: All surfaces to be in contact with SAKRETE® MORTAR MIX must be entirely free from oil, grease or any other foreign substances which interfere with the bond and chemical action of the material. Slick or sealed surfaces must be thoroughly roughened. The working base must be a solid foundation such as a concrete wall or a concrete slab. The base must be pre-dampened before laying masonry units in hot weather.

MIXING: Empty the entire dry contents into a wheelbarrow or onto a clean, smooth surface and mix thoroughly. Replace the portion not to be used back into the bag. Form a depression in the middle of the dry mix and add up to 3.8 liters of water per full bag. Mix thoroughly. If the mix is too stiff add more water until the desired consistency is obtained. Avoid a "soupy" mix, too much water will weaken the mortar. A workable mortar has a "buttery" texture and should slowly slide off a trowel held at a 45 degree angle. In hot weather, mix only enough mortar that can be placed in one hour. Do not exceed 3.8 liters of water per 25kg bag. A mortar mixer is recommended for larger projects.

PLACING: Mortar joints which protrude when units are laid should be cut flush, allowed to set until "thumb print hard" and then compress tooled to a concave joint using a round jointer.

CURING: Keep mortar protected from sunlight, heat or cold for 48 hours after laying.

TECHNICAL DATA:

The data outlined below is representative of typical values achievable under controlled laboratory conditions. Results obtained in the field may vary from those stated.

PROPERTIES	TEST METHOD	TYPE N
Flow	CSA A3004-C1/ ASTM C1437	110 ± 5%
Board life		1 hour
Air content	CSA A3004-C4/ ASTM C185	12-18 %
Water Retention		75 % (min)
Compressive Strength		MPa (psi)
7-days	CSA A3004-C2/ ASTM C109	3.0 (450)
28-days		5.0 (750)

YIELD:

One 25 kg (55 lb.) sack will provide enough mortar for approximately 25 standard clay bricks or 8 standard blocks with a 10mm (3/8 inch) mortar joint.

LIMITATIONS:

Adhering to recommended water additions is very important. Exceeding the maximum recommended water content per sack will result in inferior physical properties. Concave mortar joints are recommended for all exterior applications. Other decorative joints may be used for effect but are not recommended for maximum weather tightness and durability. Liability for damages or defective goods shall be limited to the refund of the purchase price or product replacement.

PACKAGING:

SAKRETE® MORTAR MIX is packaged in 25 kg (55lb.) paper bags. All Basalite Dry Mix can be custom-packaged to suit specific project requirements.

SAFETY PRECAUTIONS:

SAKRETE® MORTAR MIX contains Portland cement. Normal safety wear such as rubber gloves, dust masks and safety glasses, used to handle conventional cement-based products, should be worn. Safety Data Sheet is available at www.basalite.ca.