

Masonry Mortar Mix - Type N

Shaw Resources Masonry Mortar Mix - Type N

Product Description

Shaw Resources **Type N Masonry Mortar** is a blend of masonry cement and mortar sand, ideal for the homeowner or professional, requiring only water to prepare. Shaw Resources Type N Masonry Mortar meets or exceeds the requirements of CSA A179.

Product Uses

Ideal for laying brick, block or stone in the construction of chimneys, fireplaces, planters, garden walls, stone walls or for pointing or repairing brick walls.

Product Packaging

Type N Masonry Mortar is available in 1,400 kg bulk bags, but also can be made available in 25 kg (55 lb) bags by request. Silo dispensing systems and custom mortar and grout mixes are available on request.

Product Yield

Each 25 kg bag yields approximately 0.012 m³ (or 0.42 ft³), and will lay up to 10 concrete Masonry blocks or 28 standard Clay brick.

Installation - Surface Preparation

Remove dirt, debris, and any contaminants from surface to ensure the best possible bond, before applying the mortar mix.

Mixing

- Place roughly 25 kg (55 lb) into a mortar box, wheel barrow, mixer, or onto a smooth surface. Form a crater for adding water.
- Add clean water at the rate of 3.3 litres per bag and mix thoroughly. If the mortar is too stiff, add more water, one cup at a time, until the right consistency is obtained.
- In cold weather, use warm water to accelerate the set, protecting the mixture from freezing until cured.

Application

- A typical mortar joint should be 10 mm (vertical and horizontal), with a minimum of 7 mm and a maximum of 13 mm.
- Wet bricks thoroughly before laying and let blocks dry before using.
- Before setting the concrete block in position on mortar bed, butter the end with mortar.
- Lay brick into position after buttering end. Tap into place. Be sure to level each application.
- When pointing old masonry, remove loose mortar, and clean and moisten the joints. Apply Shaw Mortar Mix with pointing trowel.



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Curing

Curing masonry mortar mixes is necessary only if conditions are dry, windy or very hot. In these situations, curing with a light spray of water every few hours will prevent early cracking and improve the strength of the mortar.

TECHNICAL DATA

Applicable Standards

CSA A179	Mortar and Grout for Unit Masonry
ASTM C270	Standard Specifications for Mortar Unit Masonry
ASTM C387	Specifications for Packaged, Dry, Combined Materials for Mortar and Concrete
ASTM C1714	Specifications for Pre-blended Dry Mortar Mix for Unit Masonry

Shaw Resources Type N Masonry Mortar meets proportioning requirements of CSA A179.

