

Mortar mix



1-Product description

1.1 USE

- bomix® mortar mix is a ready-to-use blend of masonry cement and fine sand that respects CSA-A179 standard.
- Suitable for both indoor and outdoor use, it is ideal for binding masonry elements such as bricks, concrete blocks and stones.
- bomix® mortar mix can be coloured with our Easy-match colouring system to produce a wide variety of shades in particular to match old mortar joints or bricks.
- Use as directed, bomix® mortar mix meets CSA A179 standard for type N mortar.

2- Installation

2.1 RECOMMENDATIONS

- Make sure the temperature is between 5°C (40°F) and 35°C (95°F), during the application and for the following 72 hours.
- In order to obtain colour uniformity, it is recommended to:
 - avoid adding water on site to modify or recover mortar's workability.
 - always execute the finishing operation after the same period of time following the application.
 - clean tools and mixers carefully if they were used for different mixes.

2.2 MIXING

- Pour 4,0 litres (1 gallon) of water into a clean container.
- Gradually add the powder while mixing with a drill equipped with a mixing attachment such as a paint mixer.
- Mix for a minimum of 3 minutes until mixture has a homogeneous consistency.
- If mixture is too thick, gradually add water avoiding excess.
- When a mixer is used, start the mixer, add requested amount of water and then slowly incorporate the dry ingredients. Mix until a homogeneous consistency is obtained.

Note: Always mix a full bag.

2.3 APPLICATION

- Wet bricks or blocks prior to installation.
- Spread an even coat of mortar on the elements.
- Apply mortar to the end of the element and position it.
- Set element in mortar bedding with small, sharp taps aligning with a level or line.
- Do not realign the elements once they have come into contact with the mortar.
- Do not use the mortar if it has been mixed for more than 1 1/2 hour. Do not retemper to recover workability.

2.4 FINISHING

- All mortar joints must be finished using a metal tool to provide the required look as well as weather resistance.
- Jointing must be done just before the mortar loses its plasticity, when finger pressure barely leaves any traces.

2.5 PROTECTION

- Protect from rain, sun and wind during the first 72 hours.

2.6 CLEANING

- Clean tools and containers with water while mixture is not yet hardened. Once it is hard, only a mechanical cleaning will be efficient.

3. Packaging

- This product is available in 30 kg (66 lb) bag.

4. Storage

- Store in a cool, dry place. Avoid placing bags directly on the floor.
- Shelf life is one year in unopened bags.
- Discard product that has been damaged by water or humidity or that contains hard lumps.

5. First aid

This product contains portland cement and may cause eye, skin and respiratory system irritation. Wear rubber gloves, safety glasses and approved dust mask. If swallowed, call a Poison Control centre or doctor

Technical data sheet

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Technical data table

Characteristic		Results
Initial set time (hours) ASTM C-191		2
Final set time (hours) ASTM C-191		3
Compressive strength ASTM C-109	7 days 28 days	min 2.5 MPa (362 psi) min 5.0 MPa (725 psi)
Specific weight kg/L (lb/ft ³) ASTM C-185		1.71 (107)
Covering of a 30 kg (66 lb) bag		0.018 m ³ (0.64 pi ³)
Number of regular bricks installed per bag		approximately 40 bricks
Number of 8" * 8" * 16" blocks installed per bag		approximately 12 blocks

Note: These results were obtained in a laboratory at 23 °C (72°F)

immediately. Do not induce vomiting. In case of contact with eyes, rinse well with water for 15 minutes. In case of skin contact, rinse well with water. Keep out of reach of children. Consult the safety data sheet for more information.

6. Technical services

Contact Daubois for more information about application methods or conditions or to obtain the latest version of our technical documents.

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7. Warranty

Daubois guarantees that this product will perform as specified in this technical data sheet and suits the application for which it was intended. Nonetheless, Daubois does not offer any explicit or implicit warranty. Under this warranty, Daubois' responsibility is limited to either replace or refund the cost of the product proved defective.