



TECHNICAL DATA SHEET

CIMENT SAND MIX

PRODUCT DESCRIPTION

The Marco Ciment Sand Mix is a pre-mixed blend of Portland and graded sand formulated to meet or exceed compressive strength requirements ASTM C-387. The Ciment Sand Mix is the ideal product to use for crack repairs on steps, sidewalks, walls, concrete floors and numerous other construction or repair project requiring less than 5 cm (2") in thickness.

TECHNICAL FEATURES

Meets or exceed compressive strength requirements ASTM C-387, when used according to the manufacturer's instructions.

RECOMMENDATIONS

- This product must be used where the ambient temperature is over 5°C (40°F) and not above 39°C (100°F) during the application.
- Use only clean tap water.
- Always use proper clean tools or equipment.
- We recommend cleaning tools used with water immediately after use.
- Never exceed 5 cm (2") in thickness per coat.
- For applications less than ½ inch or requiring higher adhesion use adhesive cement instead.
- For vertical repairs, use products such as adhesive cement or parging mix.
- For applications larger than 2 inches, use pre-mix concrete.

DIRECTIONS

• Surface preparation

For all repairs, the working area must be clean and free of dirt, dust, greasy or oily materials, etc. Surfaces to be repaired must be thoroughly cleaned using a chisel to chip or using a stiff wire brush to remove any unsound or loose concrete and dust off the surface to be restored. Clean the surface to be repaired with clean potable water. Wet the surface and avoid flooding before applying the Cement Sand Mixture. For best results, use a concrete adhesive to the existing damp surface.

• Mixing

Product may be mixed in a concrete or mortar mixer. For manual mixing, pour the Ciment Sand Mix in in mortar box, a wheelbarrow or on a clean and smooth surface. Add 4 litres (4 1/4 quarts) of water per 30 kg (66 lb.) bag. Mix thoroughly to achieve a uniform and workable mix. If the mixture is too thick, add a little more water. Avoid a highly liquid mix which may result in a reduction in strength.

• Application

Moistened the surface before applying the repair mixture. To repair or fill cracks, work the Sand Mix into the cracks with a rod or a stick, then, use a finishing trowel to level the surface without leaving air pockets. Standard finishing techniques may be used.

• Protection

Protect the Cement Sand mixture from frost, rain, wind or sun for the first 72 hours.

• Curing

Allow the mixture to cure for a minimum of 5 days at 21°C, or during 7 days if the temperature varies between 10°C and 21°C (50°F to 70°F). Moderate temperatures, wind coupled with high humidity are ideal for the curing period.

• Cleaning

Clean all equipment and tools with water immediately after use before the mixture hardens. Once the mixture has hardened, a mechanical cleaning may be required.

• Caution

When in contact with the Ciment Sand product, wash your hands thoroughly. The Cement and Silica may cause skin or eye irritation. Please refer to the (MSDS) sheet for first aid instructions.

PACKAGING

30 kg (66 lb) bag. 56 bags per skid.

STORAGE

Store the Cement Sand Mix in a dry covered area. Do not expose to weather. Unopened bags have a shelf life of no more than 12 months. Cement Sand bags coming in contact with water or high moisture level causing it to harden in the bag must be discarded.

FIRST AID

In case of ingestion, call the Poison Control Centre or a Doctor. Do not induce vomiting. Is splashed in eyes or skin, flush or rinse thoroughly with water for 15 minutes. In case of inhalation, move the exposed patient to fresh air.

COVERAGE

A 30 kg (66 lb) will cover approximately 0.014 m³ (0.5 pi³).

RENDEMENT/ YIELD						
Un sac de 30 kg donne approximativement 0,54 pieds cubes une fois mélangé. After mixing with sand and water, a bag gives approximately 0,54 cubic feet of material						
SAC/BAG	SURFACE À COUVRIR / WORKING AREA					
	2 pi.ca	4 pi.ca	10 pi.ca	20 pi.ca	50 pi.ca	100 pi.ca
POUCE / INCH	2 sq.ft	4 sq.ft	10 sq.ft	20 sq.ft	50 sq.ft	100 sq.ft
	1"	2"	3"	4"	5"	6"
1"	1 Bag	1 Bag	2 Bags	4 Bags	8 Bags	16 Bags
2"	1 Bag	2 Bags	4 Bags	7 Bags	16 Bags	31 Bags
3"	1 Bag	2 Bags	5 Bags	10 Bags	24 Bags	47 Bags
4"	2 Bags	3 Bags	7 Bags	13 Bags	31 Bags	62 Bags
5"	2 Bags	4 Bags	8 Bags	16 Bags	39 Bags	78 Bags

TECHNICAL DATA

Ciment Sand Mix (in bag)

Physical aspect
Color
Storage life

Flammability

Santé et sécurité

Ciment Sand (after mixing)

Mixture formula (metric)
Mixture formula (US)
Density
pH
Application temperature
Air content

Strength requirements

Compression strength requirement
7 days
28 days

Packaging

Coverage (per 30 kg bag)

Powder
Grey
12 months in the original package
In a dry and covered area
Fire propagation : 0
Combustion : 0
Smoke emission : 0
Refer to the MSDS sheet

4.1 litres water / 30 kg bag
1.1 US gal./ 66 lb. bag
2.2 kg per litre (136 lb/ft³)
12
5°C to 38°C (40°F to 100°F)
8 % Maximum

-ASTM C109 (CSA-A5)
18.8 MPa (2719 psi)
25.2 MPa (3650 psi)

30 kg (66 lbs) bag
0.014 m³ (0.5 ft³)

Note: The coverage information is approximate and may be used for estimating only. The proper or real consumption will always depend on the actual surface, its true profile, the type of equipment used, mixing techniques as well as an inevitable waste percentage.

WARRANTY

Sable Marco inc. warrants this product when used according to the technical data sheet instructions and specifications. The materials used in making this product are of the highest quality. Sable Marco inc. will not provide any other guarantee expressed or implied. Sable Marco's warranty is limited to the replacement or reimbursement of the product (when proven defective).

TECHNICAL INFORMATION

For further information on this or other Sable Marco products, please contact:
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