

PRODUCT DATA SHEET

# Sable Marco® Pre-mix Mortar

Ready-to-use, high performance blend of cement and sand

DESCRIPTION

Sable Marco® Pre-mix Mortar is a pre-blended, ready-to-use, Type N Mortar made of masonry cement and natural mortar sand. It is designed to be used with clay, concrete and stone masonry bricks. Sable Marco® Pre-mix Mortar can be use as repointing mortar.

USES

- Build or repair walls, chimneys, planters or outdoor grills
- Tuck-pointing repairs of brick mortar joints
- Above grade construction
- Interior or exterior applications

FEATURES

- Ready-to-use for easy application
- Suitable for various masonry applications
- Excellent workability

CERTIFICATES AND TEST REPORTS

Conforms to CSA A179 for type N Mortar (when used as directed).

PRODUCT INFORMATION

Packaging	30 kg (66 lb) bag / 56 bag per pallet
Colour	Grey
Shelf life	12 months in original unopened bag
Storage conditions	Store in a dry, covered area protected from the elements. If the product has been in contact with water or moisture or contains hardened lumps, do not use it.
Density	~1,900 kg/m³ (~119 lb/ft³)
pH-Value	12

TECHNICAL INFORMATION

Compressive strength	7 days	3.0 Mpa (435 psi)	(ASTM C109)
	28 days	5.0 Mpa (725 psi)	
<i>All values required by the CSA A-179 Standard, as well values of the Sable Marco® Pre-mix Mortar product, are obtained under laboratory conditions.</i>			
Porosity	Air Content 18 % Max.		

<b>Water retention</b>	75 % Min.
<b>Mixing ratio</b>	4 L (1.06 US gal) of clean, potable water / 30 kg (66 lb) bag
<b>Yield</b>	Approx. 0.018 m <sup>3</sup> (0.65 ft <sup>3</sup> ) per 30 kg (66 lb) bag, equivalent to 12 blocks or 40 bricks.
<b>Material temperature</b>	Between 5 °C (40 °F) and 30 °C (86 °F)
<b>Ambient air temperature</b>	Between 5 °C (40 °F) and 30 °C (86 °F)
<b>Substrate temperature</b>	Between 5 °C (40 °F) and 30 °C (86 °F)

## BASIS OF PRODUCT DATA

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

## LIMITATIONS OF USE

- Do not use at temperatures below 5 °C (40 °F) or above 30 °C (86 °F).
- Use only clean, potable water. Do not exceed the prescribed water dosage.
- Do not apply in dry or windy weather, or on surfaces that are overly damp or frozen.
- For cold weather applications, use warm water to accelerate the set. In hot weather, use cold water to slow the set.

## ECOLOGY, HEALTH AND SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

## APPLICATION INSTRUCTIONS

### SURFACE PREPARATION

Surfaces to be worked on must be free of dirt, dust, grease, and other contaminants. For joint repairs, use a chisel to remove the damaged mortar without harming the surrounding masonry. Clean to a depth 2 to 2 ½ times the width of the joint reaching the sound mortar. For other repairs, roughen the surface and remove loose pieces or dust. Clean the area with a low-pressure water jet and dampen the surface before application, avoiding water pooling.

### MIXING

Start by pouring 4 L (1.05 US gal) of clean, potable water per 30 kg (66 lb) bag in a clean container. Gradually add the dry ingredients while mixing with a drill fitted with a mortar-mixer. Mix thoroughly until a uniform mixture is achieved. If the mixture is too thick, add a little water at a time, taking care not to thin it out too much [the maximum amount of water is 4.2 L (1.1 US gal) per 30 kg (66 lb) bag].

## APPLICATION

For laying bricks and concrete blocks, apply the mortar to their ends before placing them, ensure a thickness of 12–15 mm (½ in–¾ in). Tap to position and be sure to level. For filling joints and cracks, use a pointing trowel to press the mortar into place in 3 even layers, allowing each to dry before re-wetting. Avoid leaving voids. As a general rule, the joint is considered ready to be tooled when the mortar has hardened sufficiently such that a finger mark remains. Unless otherwise stated, a concave joint is preferred.

### CURING TREATMENT

Protect the mortar from freezing, rain, sun, and wind during the first 72 hours. Ensure the ambient, surface and product temperature are between 5 °C (40 °F) and 30 °C (86 °F) during application and for 72 hours afterward.

### CLEANING OF EQUIPMENT

Clean all tools and equipment immediately after use with water. Once hardened, material can only be removed manually or mechanically.

## LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for exact product data and uses.

## LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must

be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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**PRODUCT DATA SHEET**  
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