

PRODUCT DATA SHEET

Sable Marco® GU Cement

General use Portland cement

DESCRIPTION

Sable Marco® GU Cement is a high-performance, general-use hydraulic Portland cement designed for a wide range of concrete applications. It conforms to CSA A3000 standards and is suitable for use in residential and commercial construction where strength and durability are essential.

USES

Sable Marco® GU Cement is used in the preparation of concrete and mortar for residential construction and general-purpose applications where Type GU cement is appropriate.

FEATURES

- General-use Type GU Portland cement
- Conforms to CSA A3000 requirements
- Suitable for concrete and mortar applications
- Consistent performance for residential and light commercial projects

PRODUCT INFORMATION

Packaging	30 kg (66 lb) bag 40 kg (88 lb) bag		
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.		
Compressive strength	3 days	26.4 Mpa (3770 psi)	CSA A3004-C2
	7 days	30.9 Mpa (4350 psi)	
	28 days	37.8 Mpa (5366 psi)	
	Note: Typical values. These values are determined under controlled laboratory conditions and may vary under field conditions.		
Yield	<ul style="list-style-type: none">▪ One 30 kg (66 lb) bag of Sable Marco® GU Cement produces about 0.08 m³ (2.7 ft³) of concrete mix.▪ One 40 kg (88 lb) bag of Sable Marco® GU Cement produces about 0.10 m³ (3.5 ft³) of concrete mix. <p>Note: Yield depends on the final application. These values are approximate and are based on the proportions suggested below. Actual yield may vary depending on mix design and water content.</p>		
Material temperature	Between 5 °C (40 °F) and 30 °C (86 °F)		
Substrate temperature	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

- Mix with clean, potable water only. Use the minimum amount necessary to achieve the desired consistency, excess water reduces strength and durability.
- Do not apply on frozen surfaces or in freezing conditions.
- Protect from freezing for at least 24–48 hours.
- Exterior concrete exposed to freezing should be air-entrained.

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

MIXING

Combine Sable Marco® GU Cement with the appropriate aggregates and clean, potable water according to the specific mix design. Mix thoroughly until a uniform and workable consistency is achieved. Avoid excess water to maintain optimal workability and strength.

For concrete mix, the following proportions (by volume) are recommended:

- 1 part of Sable Marco® GU Cement
- 2.5 parts of 19 mm (3/4 in) stone
- 2.5 parts of concrete sand
- 2 to 3 parts of clean, potable water

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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