

PRODUCT DATA SHEET

Sable Marco® Rapid Post

Rapid-setting, pre-mixed concrete for post installation

DESCRIPTION

Sable Marco® Rapid Post is a pre-blended, rapid-setting concrete material designed specifically for installing fence posts and poles. Simply pour the bag content into the hole, add water, and stir with a rod or stick. Sable Marco® Rapid Post sets within minutes, eliminating the need for bracing, and posts can be used after just 3 hours.

USES

Sable Marco® Rapid Post is ideal for rapid-setting applications such as fence posts, mailbox posts, basketball poles, swing sets, and lamp posts. It is not suitable for constructing deck posts, walkways, floors, slabs, or footings.

FEATURES

- Ready to mix directly in the hole
- Rapid-setting time for quick installations
- No bracing or support required during curing
- Easy to use with minimal tools required

PRODUCT INFORMATION

Packaging	30 kg (66 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.

TECHNICAL INFORMATION

Compressive strength	7 days	7 MPa (1015 psi)
	28 days	15 MPa (2175 psi)
All values are obtained under laboratory conditions.		
Mixing ratio	2.8 L (0.74 US gal) of clean, potable water / 30 kg (66 lb) bag	
Yield	Approx. 0.014 m ³ (0.5 ft ³) per 30 kg (66 lb) bag	

Number of Sable Marco® Rapid Post bags required for a 10 cm x 10 cm (4 in x 4 in) post with a hole diameter of 20 cm (8 in):

Hole Depth	Number of bags
45 cm (18 in)	1
60 cm (24 in)	1.25
90 cm (36 in)	1.75
120 cm (48 in)	2

Material temperature	Between 5 °C (40 °F) and 30 °C (86 °F)
Ambient air temperature	Between 5 °C (40 °F) and 30 °C (86 °F)
Substrate temperature	Between 5 °C (40 °F) and 30 °C (86 °F)
Initial set time	Approx. 5-9 minutes

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.

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

Setting posts: fence posts, mailbox posts, basket ball poles, swing sets and lamp posts.

Hole Preparation: Use a shovel or auger to dig the hole to the required depth, ensuring it extends below the frost line. Leave approximately 5 cm (2 in) of clearance on each side of the post. For a standard 10 cm x 10 cm (4 in x 4 in) post, a 20 cm (8 in) diameter hole is recommended.

Mixing and Placing: Position the post in the hole. Add Sable Marco® Rapid Post and water at the same time, use 2.8 L (0.74 US gal) of clean, potable water per 30 kg (66 lb) bag. Agitate the mix with a rod or stick. In cold conditions, use warm water to speed up the set. In hot conditions, use cold water to slow it down. Use a level to align the post and check the vertical position. Bracing is not required. The mix will begin to stiffen almost immediately, do not rework once setting begins.

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Curing: Allow the material to set until the surface is hard to touch. Then cover with plastic to prevent evaporation. The post can be used after approximately 3 hours.

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.