

PRODUCT DATA SHEET

Sable Marco® Instant Concrete

Ready-to-use, pre-blended, fast-setting, high strength concrete mix

DESCRIPTION

Sable Marco® Instant Concrete is a ready-to-use, pre-blended concrete mix combining cementitious material, aggregates, and other carefully selected components, providing high strength and rapid setting, typically within 30 minutes. Its quick setting time makes it an ideal choice for time-sensitive works.

FEATURES

- Ready-to-use for easy application
- Faster works completion
- Sets in around 30 minutes

USES

Suitable for new concrete construction, overlays, and repair works where fast-setting is required. It is ideal for building footings, sidewalks, slabs, steps, patios, and for setting deck posts, fence posts, and poles.

PRODUCT INFORMATION

Packaging	30 kg (66 lb) bags / 56 bags per pallet
Colour	Light 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.
pH-Value	> 11

TECHNICAL INFORMATION

Mixing ratio	3.0 L (0.79 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
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)

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

- Avoid application 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.
- Apply in smaller sections and finish within 15 to 20 minutes, as the instant concrete starts setting in around 30 minutes.

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 repaired must be free of dirt, dust, grease, and other contaminants. Remove all delaminated or unsound concrete by chipping with a hammer and chisel or using a stiff wire brush. Clean the area to be repaired with potable water, leaving the concrete saturated but free of standing water. Some very porous concretes may require several applications of water to ensure complete saturation.

MIXING

Pour 3.0 L (0.79 US gal) of clean, potable water per 30 kg (66 lb) bag in a clean container. Gradually add the dry ingredients while mixing. 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 too much to achieve the desired consistency. Excess water reduces strength and can cause cracking. In cold weather, use warm water to accelerate the set. In hot weather, use cold water to slow the set.

APPLICATION

- For new construction (slabs, walks, etc.), pour and consolidate the mixed concrete inside the forms, slightly overfilling and leveling. Use a trowel along the edges to remove air pockets and tap the forms for smoother sides. Level with a straight-edged board in a sawing motion. Once bleed water evaporates, finish as desired using a float for smooth surfaces or a broom for textured surfaces.
- For overlays and repairs, place and consolidate the mixed concrete in the repair area. Level with a straight-edged board, removing excess and filling low areas. Once bleed water evaporates, finish as desired using a float for smooth surfaces or a broom for textured surfaces. If repairing over a joint or break, tool the joint into the soft mixture with a jointer tool, to half the depth of the repair.
- For setting posts, position the post in the hole and fill with the concrete mixture and water until full. Align the post, lightly tamp or trowel the top to consolidate, and slope the surface to allow water to drain away. Sprinkle water if needed for finishing.

CURING TREATMENT

Curing involves maintaining the right temperature and humidity levels. Allow the newly placed concrete to set, until the surface is hard to the touch. Protect the placed concrete from freezing, rain, sun and wind. Keep the concrete covered to prevent evaporation.

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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