

Product Data Sheet

Version 04/2009 (10/2012)

Sikafloor® Marine Primer-C

Water-Based Primer for Cement-Based Mortars

Technical Data

Chemical Base	Styrene-Butadiene Rubber Emulsion
Colour (CQP ¹ 001-1)	Milky-blue
Density (uncured) (CQP 006-4)	1.0 kg/L approx
Viscosity (Brookfield, 2/100, 23°C)	125 mPa·s approx
Solids Content	50% approx
pH	7 - 8
Application Temperature (substrate/air)	5°C to 35°C
Application Method	Roller
Flash-Off Time ³	2 to 3 hours
Material Consumption - On Steel	75 g/m ² approx
Material Consumption - Between Mortar Layers	150 to 300 g/m ² approx
Storage Temperature	5°C to 35°C
Shelf Life ² (CQP 016-1)	12 months
¹ CQP = Corporate Quality Procedure ² 23°C and 50% Relative Humidity ³ See "Cure Mechanism" on page 2	

Description

Sikafloor® Marine Primer-C is a water-based adhesion promoter for use in conjunction with the Sikafloor® Marine cement-based series. Sikafloor® Marine Primer-C is manufactured in accordance with ISO 9001 and ISO 14001 Quality Assurance Systems.

Product Benefits

- One-component, water-based formulation for ease-of-use and -clean-up;
- Can be used directly on steel and/or cement-based mortars.

Areas of Application

Sikafloor® Marine Primer-C is used to prepare steel and cement surfaces prior to applying cement-based products from the Sikafloor® Marine product line. Sikafloor® Marine Primer-C cannot be used alone on aluminium. In such cases, a tie-coat (e.g. Sika® ZP-Primer), which prevents a reaction between the aluminium and cement-based products, must be used before using Sikafloor® Marine Primer-C. This product is suitable for professional experienced users only.

Method of Application

This product is for use on interior decks only. Sikafloor® Marine Primer-C can be used directly on steel and cement-based mortars. The surface has to be clean, dry and free of dust, grease, oil and other substances which may impair adhesion. Sikafloor® Marine Primer-C is applied with a long-haired roller. Tightly re-seal container immediately after use. Once the Primer dries, apply the mortar according to the instructions contained in its PDS. Advice on specific applications, such as for use on aluminium or zinc-rich primers, is available from the Technical Services Department of Sika Industry.

Cure Mechanism

Sikafloor® Marine Primer-C hardens by physical evaporation of the water-based emulsion. The speed of drying depends on different factors such as ventilation, temperature and air humidity. Generally, good air circulation and higher temperatures will speed up the drying process; whereas, poor air circulation and lower temperatures will slow it down. NOTE: Below 0°C, the primer will not form a translucent film. Therefore, never use the product under these conditions.

Removal

Wet Sikafloor® Marine Primer-C can be removed from tools and equipment with water. Once dry, however, the material can only be removed mechanically. Exposed hands and skin should be washed immediately with water. Do not use solvents.



Industry

Further Information	Copy of the following publications are available upon request: Material Safety Data Sheet.
Packaging	10 kg pails
Value Bases	All technical data stated in this Product Data Sheet are laboratory test-based. Current measured values may vary due to factors beyond our influence.
Health and Safety Information	For information and advice on the safe handling, storage and disposal of chemical products, users should refer to the current Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data for the appropriate type of substance.



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, within their shelf life. 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 recommendations, or from any other advice offered. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users should always refer to the most recent issue of the Product Data Sheet for the product concerned, copies of which will be supplied on request or can be accessed in the Internet under www.sika.ca.

Sika Canada Inc.
601 Delmar Avenue
Pointe-Claire, QC H9R 4A9
Tel.: 514-697-2610
Fax: 514-697-3910

1-800-689-SIKA
www.sika.ca

An ISO 9001 certified company
Pointe-Claire : ISO 14001 certified EMS