

## PRODUCT DATA SHEET

# Sikafloor® Marine Primer C

Pigmented, water-based primer for interior shop primed steel and mortar applications

**TYPICAL PRODUCT DATA (FURTHER VALUES SEE SAFETY DATA SHEET)**

<b>Chemical base</b>	Water-based SBR emulsion	
<b>Color (CQP001-1)</b>	White	
<b>Solid content</b>	50 %	
<b>Application temperature</b>	5 – 40 °C	
<b>Application method</b>	Roller	
<b>Consumption</b>	on steel	75 ml/m <sup>2</sup>
	on mortar	150 - 300 ml/m <sup>2</sup>
<b>Flash-off time</b>	minimum	1 hour <sup>A</sup>
	maximum	24 hours <sup>A</sup>
<b>Shelf life</b>	12 months <sup>B</sup>	

CQP = Corporate Quality Procedure

<sup>A)</sup> 23 °C / 50 % r. h.

<sup>B)</sup> stored in sealed container in up-right position in a dry place between 5 and 25 °C

**DESCRIPTION**

Sikafloor® Marine Primer C is a water-based white primer, which forms a thin layer when the water is evaporated. This layer acts as a link between the two substrates.

Sikafloor® Marine Primer C is specifically formulated for the treatment of bond faces prior to the application of cementitious Sikafloor® Marine products.

**PRODUCT BENEFITS**

- Visible state - turns transparent when dry
- Easy to apply with long hair roller
- Suitable on steel and cementitious substrates
- Water-based

**AREAS OF APPLICATION**

Sikafloor® Marine Primer C is used to improve adhesion prior to application of cement based products such as Sikafloor® Marine-100, Thermo Light N and the KG product line on mortar and on shop primed steel. It is suitable for indoor application only.

This product is suitable for experienced professional users only. Tests with actual substrates and conditions have to be performed to ensure adhesion and material compatibility.

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Sikafloor® Marine Primer C  
Version 02.01 (07 - 2024), en\_US  
014861020014001000

## METHOD OF APPLICATION

### Preparation

Surfaces must be clean, dry and free from grease, oil, dust and contaminants. On welded seams and on worn areas (high traffic areas) the shop primer is often missing. In such cases the area has to be refurbished. Clean with a grinder or steel brush and prepare the surface according to the shop primer manufacturer instructions. Re-apply the shop primer following the appropriate process.

### Application

Shake the Sikafloor® Marine Primer C can very thoroughly and apply a thin but covering coat with a long hair roller.

For application on aluminum or zinc rich shop primed decks a tie coat of SikaCor® ZP Primer or another suitable tie coat is required prior to priming process with Sikafloor® Marine Primer C.

On porous substrates it is required to apply the primer in two steps: In the first step Sikafloor® Marine Primer C is diluted with 20 % of tap water prior the first application. Second step after the primer has turned from white/bluish to transparent, apply the Sikafloor® Marine Primer C without dilution. When Sikafloor® Marine Primer C changes its color from white/bluish to transparent the surface is ready for the mortar application. Consider that the primer remains a little bit tacky also after turning to transparent.

Ideal application and surface temperature is between 15 °C and 25 °C.

Consumption and method of application depend on the specific nature of the substrates. Tightly reseal container immediately after each use.

## IMPORTANT NOTE

Do not use Sikafloor® Marine Primer C below 5 °C.

Opened container need to be disposed of approx. one month after opening. If gelling, separation or a significant increase in viscosity is noted, discard the primer immediately.

Never dilute or mix this product with any other substances than mentioned under Application. Sikafloor® Marine Primer C has to be kept above 5 °C and below 25 °C during transportation and storage. Do not expose it to direct sunlight or frost. Frost will destroy the product, therefore dispose of Sikafloor® Marine Primer C if exposed to such conditions.

## FURTHER INFORMATION

The information herein is offered for general guidance only. Advice on specific applications is available on request from the Technical Department of Sika Industry.

Copies of the following publications are available on request:

- Safety Data Sheet

## PACKAGING INFORMATION

Canister	10 kg
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## BASIS OF PRODUCT DATA

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

## ENVIRONMENTAL, HEALTH AND SAFETY

For further information and advice regarding transportation, handling, storage and disposal of chemical products, user should refer to the actual Safety Data Sheets containing physical, environmental, toxicological and other safety related data. User must read the current actual Safety Data Sheets before using any products. In case of an emergency, call CHEMTREC at 1-800-424-9300, International 703-527-3887.

## LEGAL DISCLAIMER

Prior to each use of any product of Sika Corporation, its subsidiaries or affiliates ("SIKA"), the user must always read and follow the warnings and instructions on the product's most current product label, Product Data Sheet and Safety Data Sheet which are available at [usa.sika.com](http://usa.sika.com) or by contacting SIKA's Technical Service Department via email at [tsmh@us.sika.com](mailto:tsmh@us.sika.com). Nothing contained in any SIKA literature or materials relieves the user of the obligation to read and follow the warnings and instructions for each SIKA product as set forth in the current product label, Product Data Sheet and Safety Data Sheet prior to use of the SIKA product.

SIKA warrants this product for one year from date of installation to be free from manufacturing defects and to meet the technical properties on the current Product Data Sheet if used as directed within the product's shelf life. User determines suitability of product for intended use and assumes all risks. User's and/or buyer's sole remedy shall be limited to the purchase price or replacement of this product exclusive of any labor costs. **NO OTHER WARRANTIES EXPRESS OR IMPLIED SHALL APPLY INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SIKA SHALL NOT BE LIABLE UNDER ANY LEGAL THEORY FOR SPECIAL OR CONSEQUENTIAL DAMAGES. SIKA SHALL NOT BE RESPONSIBLE FOR THE USE OF THIS PRODUCT IN A MANNER TO INFRINGE ON ANY PATENT OR ANY OTHER INTELLECTUAL PROPERTY RIGHTS HELD BY OTHERS.** Sale of SIKA products are subject to the Terms and Conditions of Sale which are available at <https://usa.sika.com/en/group/SikaCorp/termsandconditions.html> or by calling +1 800-933-7452.

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