

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)

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

CQP = Corporate Quality Procedure

^{A)} 23 °C / 50 % r. h.

^{B)} 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.

METHOD OF APPLICATION

Preparation

Surfaces must be clean, dry and free from grease, oil, dust and contaminants. On welded seems 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.

HEALTH AND SAFETY INFORMATION

For information and advice regarding transportation, handling, storage and disposal of chemical products, users shall refer to the actual Safety Data Sheets containing physical, ecological, toxicological and other safety-related data.

DISCLAIMER

The information, and, in particular, the recommendations relating to the application and enduse 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.

