

Product Data Sheet

Version 10/2012 (4/2013)

SikaCor® ZP Primer

Primer For Aluminum and Steel Decks - For Use With
Cement-Based Sikafloor® Marine Levelling Mortars

Technical Data

	Component A	Component B
Chemical Base	Polyol and solvents	Polyisocyanates and solvents
Colour	Grey or Red	Pale yellow
Density (CQP ¹ 006-3/ISO 2811-1)	1.5 kg/l approx	1.1 kg/L approx
Viscosity (CQP ¹ 012-1/DIN 53211, 4 mm)	> 90 seconds	50 to 70 seconds
Flash Point (CQP ¹ 007-1/ISO 13736)	34°C	38°C
Mix Ratio (weight)	92 : 8	
Solids Content	78%	
Application Temperature	10°C to 35°C	
Pot Life	3 hours at 10°C; 1 hour at 30°C	
Application Method	Brush or Roller	
Coverage	200 g/m ²	
Flash-Off Time (80 µm dry film) ³ (before coating with Sikafloor® Marine	10°C 20°C 30°C	minimum 5 hours to maximum 14 minimum 3 hours to maximum 14 minimum 2 hours to maximum 14
Storage (at <= 25°C)	In sealed container in a dry place	
Shelf Life ²	12 months	
1 CQP = Corporate Quality Procedure 220°C and 50% Relative Humidity 3Drying time may vary depending upon specific application temperature.		

Description

SikaCor® ZP Primer is a two-part PUR primer. It has a short flash-off time and broad application temperature range. SikaCor® ZP Primer is manufactured in accordance with ISO 9001 and ISO 14001 Quality Assurance Systems.

Product Benefits

- Broad adhesion range;
- Improves corrosion resistance;
- Broad application temperature range.

Areas of Application

SikaCor® ZP Primer is used in shipbuilding to coat aluminum and steel decks before the application of Sikafloor® Marine cementitious primary deck compounds. This product is suitable for professional experienced users only. Test with actual substrates and conditions must be performed to ensure adhesion and material compatibility.

Surface Preparation

Surfaces must be clean, dry and free from grease, oil and dust. Adhesion on substrates may be improved by adding and combining pre-treatment processes such as scuffing, cleaning and activating. Pre-treat the sanded surface thoroughly with Sika® Aktivator-205. Allow to flash off for a minimum of 10 minutes. Avoid contaminating the surface with dust or other contaminants until the next step has been carried out.

Primer Preparation

Plan the work by first taking a reading of the ambient air temperature, keeping in mind that the Pot Life of this product will vary depending on the temperature (see Technical Data above). Using an electric mixer, thoroughly stir Component A; add Component B and continue mixing until the two components are thoroughly blended. Transfer the blended mixture to a different, clean container and mix for another minute. Apply the primer using a brush or roller. If needed, add up to a maximum of 5% of Sika® Thinner EG.



Industry

Important Note	SikaCor® ZP Primer is moisture-sensitive; therefore, re-seal can immediately after each use. SikaCor® ZP Primer is to be used within one month of opening or at the end of its shelf-life -- whichever comes first. Discard any primer that has gelled, separated or significantly increased in viscosity.
Further Information	Copy of the following publications are available upon request: Material Safety Data Sheet.
Packaging	Part A: 27.6 kgs; Part B: 2.4 kgs
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.

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