

SIKA
MARINE



THE
PROFESSIONAL'S
CHOICE



SIKAFLOOR® MARINE

PRIMARY DECK COVERING MORTARS

PRODUCT GUIDE

BUILDING TRUST

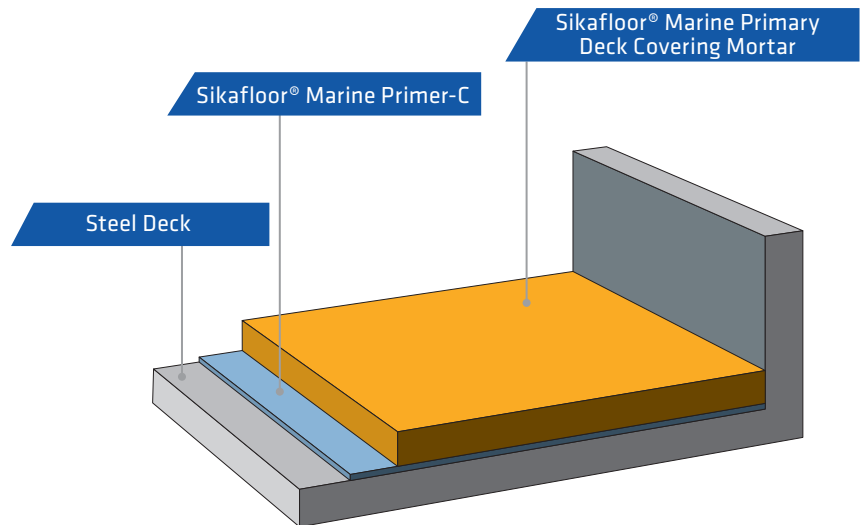


SIKAFLOOR® MARINE

HIGH QUALITY LEVELING SOLUTIONS FOR THE SHIPBUILDING INDUSTRY

Leveling of decks is critical to ensuring a smooth, safe, and consistent finish for a ship's flooring, whether the final surface is carpet, vinyl, tile, stone, wood, or synthetic. Sikafloor® Marine offers a range of one-component, polymer-modified cement mortars for leveling of interior flooring surfaces, prior to the application of deck finishing materials. Within our portfolio, you can find the material that provides the perfect combination of weight, strength, mechanical properties, and cure time to meet your specific deck leveling needs. In addition, all of Sika's primary deck covering mortars are approved by the International Maritime Organization (IMO).

Our polymer-modified cement mortars are one-component, ready-to-mix products that cure with the addition of cold, potable water.



Sikafloor® Marine primary deck covering mortars are applied to steel decks after the application of Sikafloor® Marine Primer-C. For use on zinc, aluminum, and anti-corrosion primers containing free zinc and aluminum, please contact your local Sika representative.



DECK COVERING MORTARS	Sikafloor® Marine-18	Sikafloor® Marine-107	Sikafloor® Marine-120	Sikafloor® Marine-190	Sikafloor® Marine KG-202 N	Sikafloor® Marine Litosilo X
PROPERTIES						
Packaging	25 KG Bag	12 KG Bag	16 KG Bag	25 KG Bag	17 KG Bag	20 KG Bag
Mix Ratio Per Bag	2.8 - 3.3 L	6.5 - 6.8 L	5.9 - 6.5 L	5.3 - 5.8 L	4.2 - 5.1 L	4 - 4.6 L
Density (Cured)	1.8 kg/l	0.7 kg/l	0.9 kg/l	1.8 kg/l	0.9 kg/l	1.3 kg/l
Application Thickness	5 - 25 mm	3 - 10 mm	3 - 30 mm	3 - 25 mm	8 - 100 mm	6 - 100 mm
Coverage Per Bag ^(A)	14 m ²	17 m ²	17 m ²	13 m ²	18 m ²	13 m ²
Working Time ^(B)	30 Minutes	20 Minutes	20 Minutes	20 Minutes	30 Minutes	20 Minutes
Ready to Walk Time ^(B)	24 Hours	3 Hours	12 Hours	2 Hours	10 Hours	3 Hours
Compressive Strength ^(C)	18 MPa	11 MPa	9 MPa	33 MPa	12 MPa	35 MPa
E-Modulus ^(C)	8 GPa	3 GPa	2.5 GPa	17 GPa	2.9 GPa	13 GPa
APPLICATIONS						
Self-Leveling		✓	✓	✓		
Trowel-Out	✓				✓	✓
Interior (Dry)	✓	✓	✓	✓	✓	✓
Interior (Wet)	✓		✓	✓	✓	
Sloped Surfaces	✓				✓	

(A) 1 mm Layer thickness

(B) 23°C (73°F) / 50% Relative humidity

(C) After 28 days

PRIMERS AND CLEANERS

PRODUCTS	PRODUCT DESCRIPTION	PRODUCT BENEFITS	PRODUCT IMAGE
Sikafloor® Marine Primer-C	Pigmented, water-based primer used to improve adhesion of Sikafloor® Marine primary deck covering mortars to steel decks. Suitable for indoor application only.	<ul style="list-style-type: none">■ Water-based■ Visible, white primer - turns transparent when dry■ Easy to apply with long hair roller■ Suitable on steel and cementitious substrates	
Sika® Remover-208	Solvent-based cleaning agent for strongly contaminated, non-porous surfaces. Can be used to remove contaminants (oil, grease, etc.) from steel decks, before the application of Sikafloor® Marine Primer-C.	<ul style="list-style-type: none">■ One-component, clear liquid■ Versatile cleaner■ Easy application with rag or towel■ Suitable for most painted surfaces and plastics	



Sikafloor® Marine primary deck covering mortars are easy to apply with a steel tube or a straight edge.



Perfect for interior lounges, dining rooms, corridors, cabin areas, and more, the final result is a fully leveled surface.

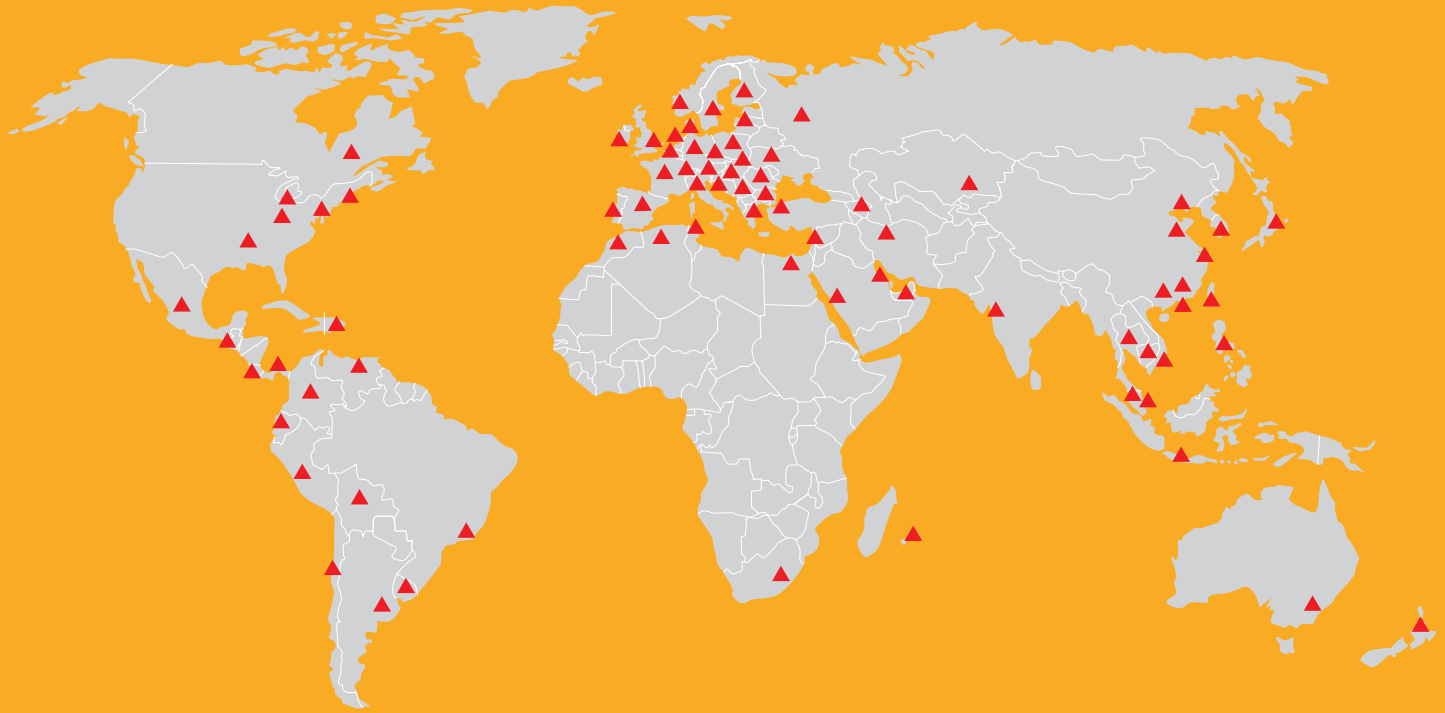
Best-in-Class Marine Flooring Solutions

Sika is trusted worldwide in the field of flooring solutions for commercial vessels, heavy-duty workboats, yachts, and cruise ships. Beyond deck leveling, the Sikafloor® Marine product range includes high-performance systems for acoustic flooring and floating floors, as well as decorative interior and exterior flooring. With the complete Sikafloor® Marine portfolio, Sika offers shipyards and end-users a one-stop-shop where quality, comfort, aesthetics, ease of use, safety, and service come first.

Scan to learn more about Sika's solutions for the shipbuilding industry!



GLOBAL BUT LOCAL PARTNERSHIP



Sika is a globally active company supplying the specialty chemicals markets. It is a leader in processing materials used in sealing, bonding, damping, reinforcing and protecting load-bearing structures in construction (buildings and infrastructure construction) and in industry (vehicle, building components, equipment production, solar and wind power).

Sika's product lines feature high-quality concrete admixtures, specialty mortars, sealants and adhesives, damping and reinforcing materials, structural strengthening systems, industrial flooring and membranes. Subsidiaries in more than 103 countries worldwide and more than 33,000 employees link customers directly to Sika.

NORTH AMERICAN PLANT LOCATIONS

Eaton Rapids, Michigan
Lakewood, New Jersey
Lyndhurst, New Jersey
Marion, Ohio
Grandview, Missouri
Montreal, Quebec

SIKA INDUSTRY

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Madison Heights, MI 48071
(248) 577-0020

NORTH AMERICAN SILICONE COMPETENCE CENTER

995 Towbin Avenue
Lakewood, NJ 08701

CONTACT US:

sikaindustry.com/marine

CUSTOMER SERVICE

1-800-688-7452

TECHNICAL SERVICE

tsmh@us.sika.com

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 shelf life. User determines suitability of product for intended use and assumes all risks. Buyer's sole remedy shall be limited to the purchase price or replacement of product exclusive of labor or cost of labor. **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 Sika's Terms and Conditions of Sale available at <http://usa.sika.com/> or by calling 201-933-8800.

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