



# Sikafloor<sup>®</sup> Marine-100 AND -120 SELF-LEVELLING MORTAR

**BUILDING TRUST**



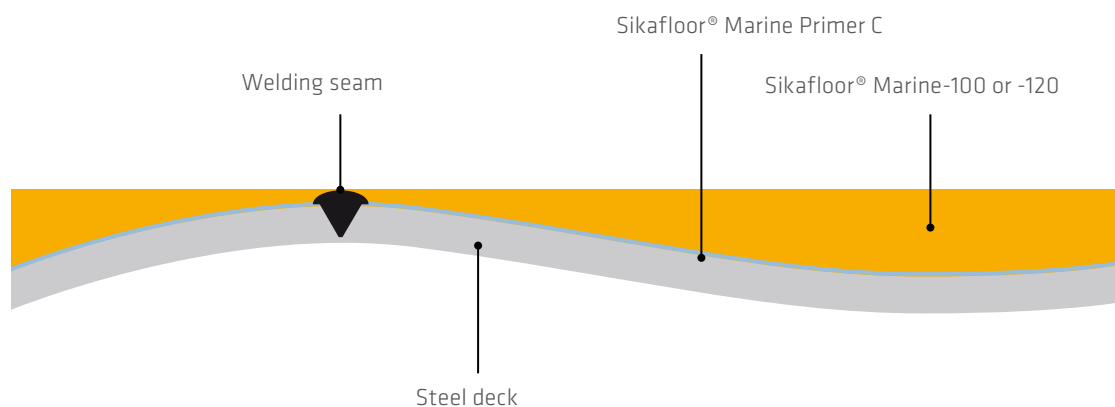
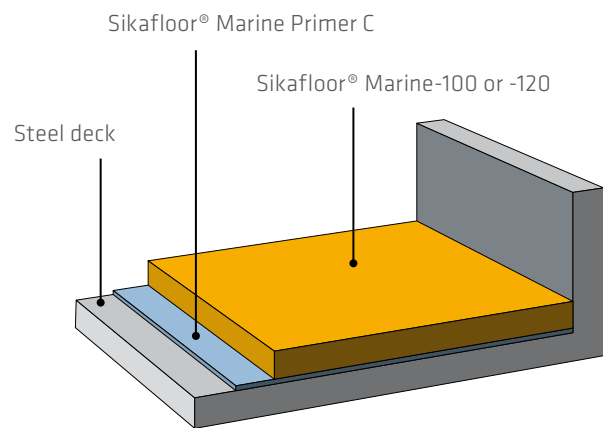
# Sikafloor® Marine-100 AND -120 SELF-LEVELLING MORTAR

The global marine industry is a fast moving arena where innovations in construction methods are rapidly adapted to gain an edge over competitors. Manufacturers are looking for quicker and more consistent building techniques and ever reduced costs while designers want improved and innovative appearance, lower weight and better performance. As a supplier and partner to the marine manufacturing industry, Sika provides a range of state of the art technology solutions to assist ship builders in meeting these challenges.

## OUR SOLUTION

In order to give the applied carpets, vinyl, tiles, etc. a perfect smooth look, it is important that the underlay has a smooth surface too and that both the building height and the weight of the total underlay are respected.

Sikafloor® Marine-100 and Sikafloor® Marine-120 (after priming with Sikafloor® Marine Primer C) provide a fast and efficient solution for perfectly flat and levelled floors. They can be applied on top of existing hard foundations such as concretes and steel. For use on zinc, aluminum and anti-corrosion primers containing free zinc and aluminum, please contact your local Sika company.



## CERTIFICATES

Sikafloor® Marine products have been approved according to the IMO-regulation and other major authorities and classification societies.

Sikafloor® Marine-100 and -120 consist in a lightweight self-levelling one-component mortar that sets in few hours and solves the problem of levelling and smoothing. The self-levelling mortar has a good flexibility (E-modulus) which is important for absorbing minor subfloor movements and avoiding cracks due to stress in the surface. Whereas Sikafloor® Marine-100 is used in all types of dry accommodation areas in layers from 3 to 10 mm, Sikafloor® Marine-120 can as well be used in wet accommodation areas in layers from 3 to 30 mm.

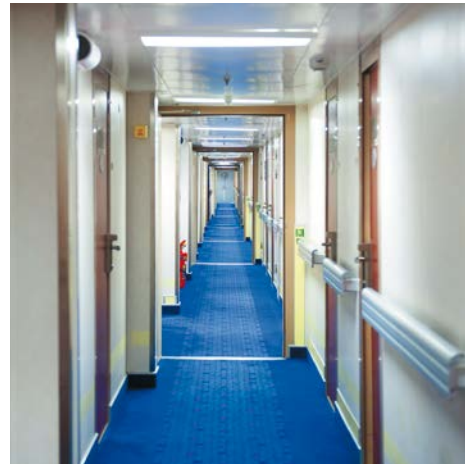
## TECHNICAL BENEFITS

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### Sikafloor® Marine-100

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- One-component self-levelling lightweight (density 0,90 g/cm<sup>3</sup>)
  - Can be applied in the thickness from only 3 and up to 10 mm giving a very smooth surface that, if necessary only needs slight grinding
  - Can be applied in dry areas (interior decks)
  - Very flexible with an E-modulus of 1,95 GPa
  - The compressive strength is above 5 MPa
  - Fast curing and walkable after 10-12 hours
  - Extended shelf life of 12 months
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### Sikafloor® Marine-120

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- One-component self-levelling lightweight (density 0,90 g/cm<sup>3</sup>)
  - Can be applied in the thickness from only 3 and up to 30 mm giving a smooth surface that, if necessary, only needs slight grinding
  - Can be applied in dry as well as wet areas (interior decks)
  - Very flexible with an E-modulus of 2,53 GPa
  - The compressive strength is above 6,5 MPa
  - Fast curing and walkable after 10-12 hours
  - Extended shelf life of 12 months
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# SIKA WORLDWIDE



## FOR MORE MARINE INFORMATION:



[www.sika.com/marine](http://www.sika.com/marine)

### WHO WE ARE

Sika is a specialty chemicals company with a leading position in the development and production of systems and products for bonding, sealing, damping, reinforcing and protecting in the building sector and the motor vehicle industry. Sika has subsidiaries in 90 countries around the world and manufactures in over 160 factories. Its more than 17,000 employees generated annual sales of CHF 5,6 billion in 2014.

Our most current General Sales Conditions shall apply.  
Please consult the Data Sheet prior to any use and processing.



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