

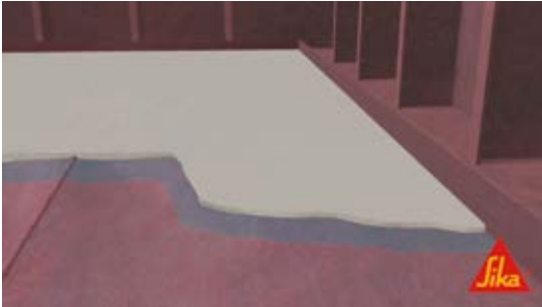


Sikafloor® Marine
SELECTION GUIDE
CUSTOMISED SOLUTIONS

BUILDING TRUST

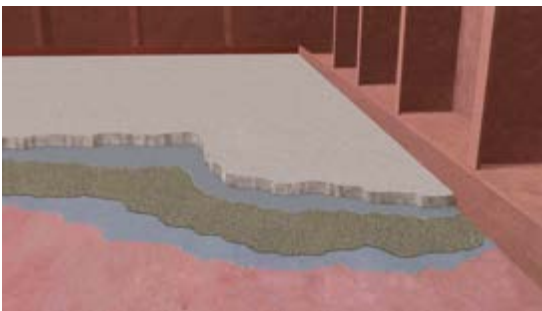


Sikafloor® Marine PRODUCT AND SYSTEM SELECTION GUIDE



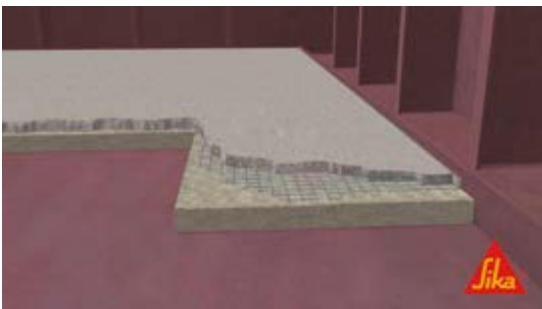
Sikafloor® Marine SELF-LEVELLING COMPOUNDS

To be able to give applied carpets, vinyl, tiles etc. a perfect smooth look it is important that the underlayment has a smooth surface. This can be ensured by using the one-component, pumpable technology of self-levelling mortars from Sika. In addition to building other Sikafloor® systems, the Sikafloor® Marine self-levelling products can be applied on top of existing hard foundations such as concretes and steel.



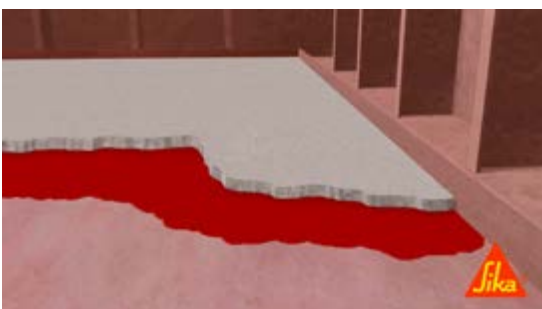
Sikafloor® Marine LEVELLING AND FAST CURING COMPOUNDS

Sikafloor® Marine levelling compounds are based on a one-component pumpable technology from Sika. The solutions provide cost effective benefits for the shipyard and installation team in logistics, handling and installation time. Sikafloor® Marine self-levelling and fast curing compounds can easily be mixed using only a handheld mixer or a pump. The levelling compounds can be trowelled and are as well suitable for slopes.



Sikafloor® Marine FLOATING FLOORS

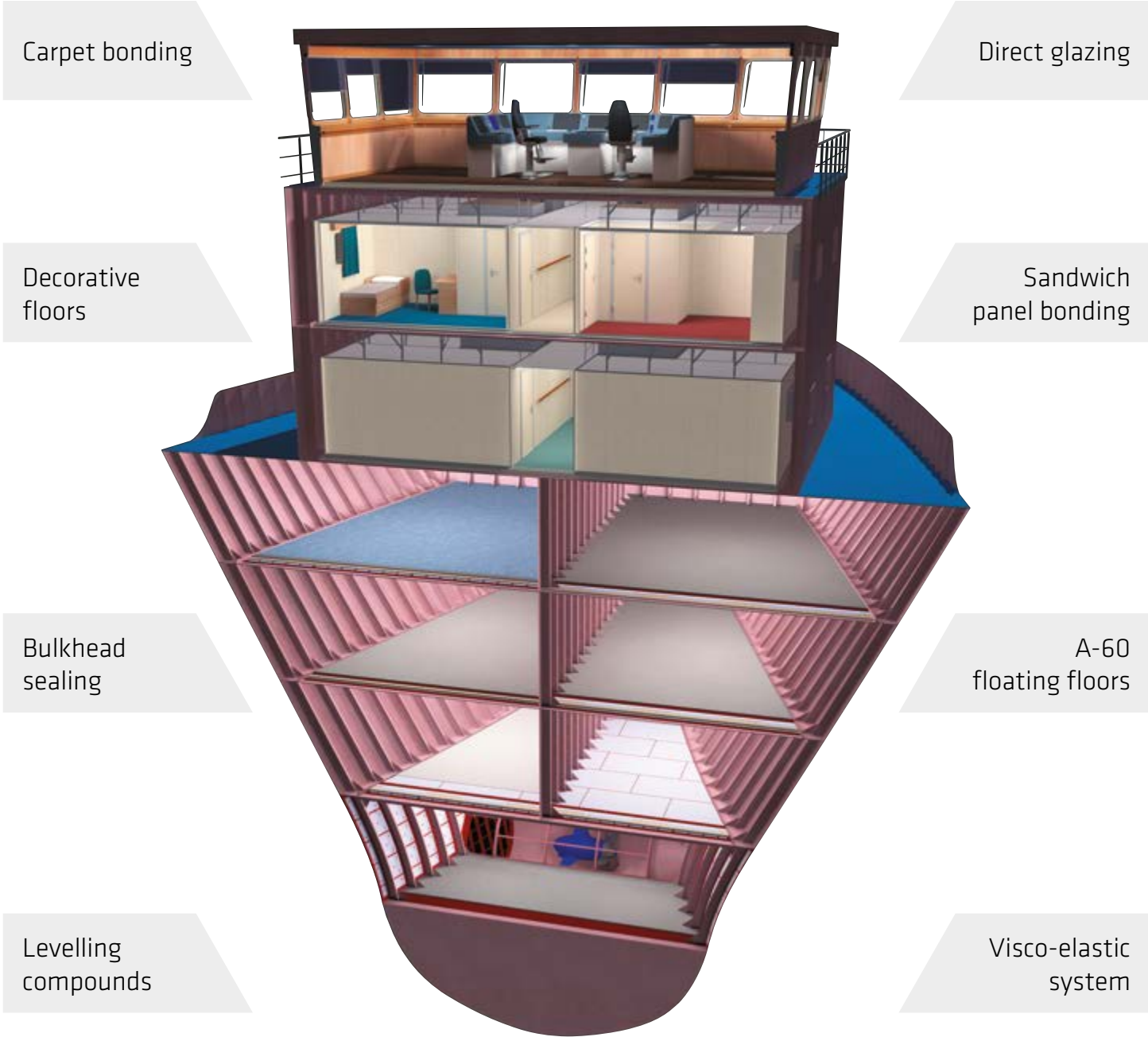
Sikafloor® Marine floating floor systems consist of a mineral wool layer on which either a non-combustible one-component fast curing compound or steel or aluminum plates are applied. These build-ups give maximum sound reduction and provide high degree of comfort for the crew onboard the vessel. The Sikafloor® Marine floating floors are all part of an A-60 fire rated solution with a building height of only 45 mm.



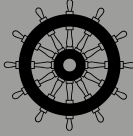
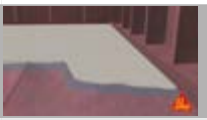
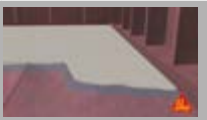








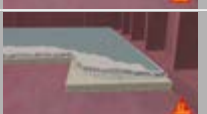
Sikafloor® Marine VISCO-ELASTIC FLOORS

Sikafloor® Marine visco-elastic floors are build-up with a visco elastic layer and a constrained layer applied on top. The constrained layer consists of a non-combustible one-component compound of Sikafloor® Marine or it can be steel or aluminum tiles. The Sikafloor® Marine visco-elastic product is a special two-component polyurethane or mortar, with only one purpose: dampen the vibrations in the surface.

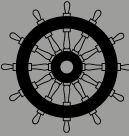








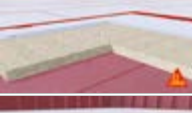
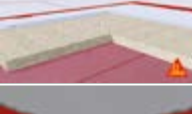

PROVEN SOLUTIONS FOR COMFORT AND SAFETY



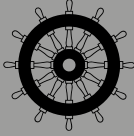

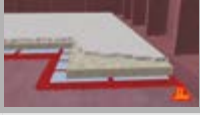


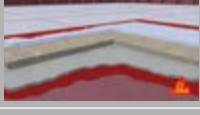



PRIMARY DECK COVERING

THE SYSTEMS		Density (kg/m ³)	Self-levelling	Trowel out	Fast curing	Min.- Max. thickness (mm)
Sikafloor® Marine-100		900	☺	☹	☹	2-10
Sikafloor® Marine-120		900	☺	☹	☹	3-30
Sikafloor® Marine-18		1800	☹	☺	☹	5-25
Sikafloor® Marine-118 FC		1800	☺	☺	☺	2-25
Sikafloor® Marine KG-202 N		900	☹	☺	☹	8-100
Sikafloor® Marine KG-404 N		1300	☹	☺	☹	5-100
Sikafloor® Marine VEM		1300	☹	☺	☹	1-2
Sikafloor® Marine PU-Red		1300	☹	☺	☹	1-2
Sikafloor® Marine E-43 (transparent)		1600	☹	☺	☹	2-4
Sikafloor®-264 (tinted)		1600	☹	☺	☹	2-4
Sikafloor® Marine Elastic		1400	☹	☺	☹	1-2

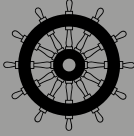
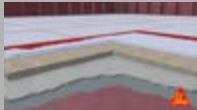

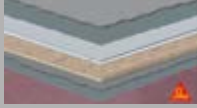

VISCO-ELASTIC SOLUTIONS AND FLOATING FLOOR SINGLE SYSTEMS

SINGLE SYSTEMS			Minimum height (mm)	Structure borne noise	Airborne noise	A-60 approved	Installation time m ² /man-hour
							
Sikafloor® Marine PK-90 Alu		Visco-elastic floor	3	☹️	☹️	☹️	4.5
Sikafloor® Marine PK-90 Steel			3	😊	☹️	☹️	4.5
Sikafloor® Marine PK-90 N			10	😊	☹️	☹️	5
Sikafloor® Marine VEM-18			10	😊	☹️	☹️	5
Sikafloor® Marine VEM-118 FC			10	😊	☹️	☹️	5
Sikafloor® Marine VES-515			3	😊	☹️	☹️	4.5
Sikafloor® Marine Litosilo N		Floating floor	45	☹️	😊	😊	5
Sikafloor® Marine Litosilo FC			45	☹️	😊	😊	5
Sikafloor® Marine Litosilo Steel			55	☹️	😊	😊	1.3
Sikafloor® Marine Litosilo Alu			26.5	☹️	😊	😊	1.3
Sikafloor® Marine Litosilo Plus			51	☹️	😊	😊	1.1

VISCO-ELASTIC AND FLOATING FLOOR COMBINATIONS

A-60 COMBINED SYSTEMS		Minimum height (mm)	Structure borne noise	Airborne noise	Installation time m ² /man-hour
Sikafloor® Marine PK-90 Steel + Litosilo Steel		59	☺	☺	0.8
Sikafloor® Marine PK-90 Steel + Litosilo N		48	☺	☺	1.3
Sikafloor® Marine PK-90 Steel + Litosilo FC		48	☺	☺	1.3
Sikafloor® Marine PK-90 Steel + Litosilo Plus		54	☺	☺	0.7
Sikafloor® Marine PK-90 N + Litosilo Steel		67	☺	☺	0.8
Sikafloor® Marine PK-90 N + Litosilo N		57	☺	☺	1.5
Sikafloor® Marine PK-90 N + Litosilo FC		57	☺	☺	1.5
Sikafloor® Marine PK-90 N + Litosilo Plus		63	☺	☺	0.7

VISCO-ELASTIC AND FLOATING FLOOR COMBINATIONS

NEW COMBINED SYSTEMS		Minimum height (mm)	Structure borne noise	Airborne noise	Installation time m ² /man-hour
Sikafloor® Marine VEM-18 + Litosilo Steel		67	😊	😊	0.8
Sikafloor® Marine VEM-18 + Litosilo N		57	😊	😊	1.5
Sikafloor® Marine VEM-18 + Litosilo FC		57	😊	😊	1.5
Sikafloor® Marine VEM-18 + Litosilo Plus		63	😊	😊	0.7
Sikafloor® Marine VEM-118 FC + Litosilo Steel		67	😊	😊	0.8
Sikafloor® Marine VEM-118 FC + Litosilo N		57	😊	😊	1.5
Sikafloor® Marine VEM-118 FC + Litosilo FC		57	😊	😊	1.5
Sikafloor® Marine VEM-118 FC + Litosilo Plus		63	😊	😊	0.7

SIKA FULL RANGE SOLUTIONS FOR INDUSTRY AND CONSTRUCTION:



LIQUID APPLIED ROOFING



SINGLE PLY ROOFING



BITUMINOUS ROOFING



CONCRETE



CONCRETE REPAIR



STRUCTURAL STRENGTHENING



BUILDING FINISHING



WATERPROOFING



JOINT SEALING



FAÇADES



FLOORING



INDUSTRY



DISTRIBUTION



BUILDING TRUST

FOR MORE INFORMATION:



WHO WE ARE

Sika Limited and Sika Ireland Limited are part of the global Sika Group, specialising in the manufacture and supply of chemical based products. Sika has 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 100 countries around the world and manufactures in over 300 factories. With more than 25,000 employees Sika generates annual sales of CHF 7.9 billion (£6.14 bn). We are also committed to providing quality, service, safety and environmental care.

In the UK and Ireland, we provide market-leading solutions for concrete, waterproofing, roofing, flooring, refurbishment, sealing & bonding, and industry, and have manufacturing sites in Welwyn Garden City, Preston, Leeds, Wishaw and Dublin with more than 920 employees and a turnover of more than £290 million.

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. 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 proprietary rights of third parties must be observed. Please refer to our homepage www.sika.co.uk for our current standard terms & conditions applicable to all orders. 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.



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