

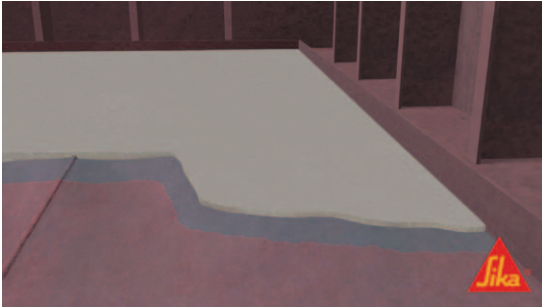


Sikafloor® Marine  
SELECTION GUIDE  
CUSTOMIZED SOLUTIONS

**BUILDING TRUST**

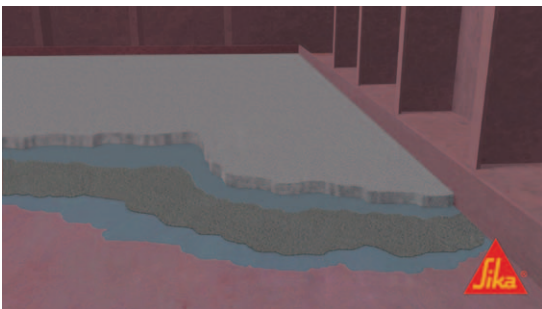


# Sikafloor® Marine PRODUCT AND SYSTEM SELECTION GUIDE



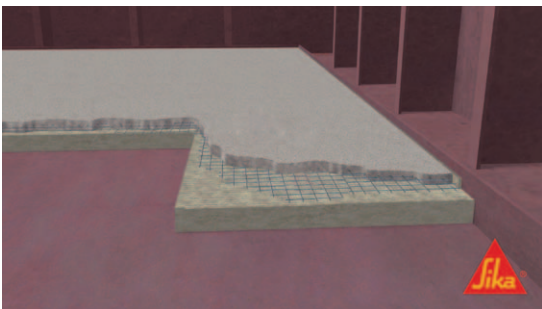
## **Sikafloor® Marine SELF-LEVELLING COMPOUNDS**

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.



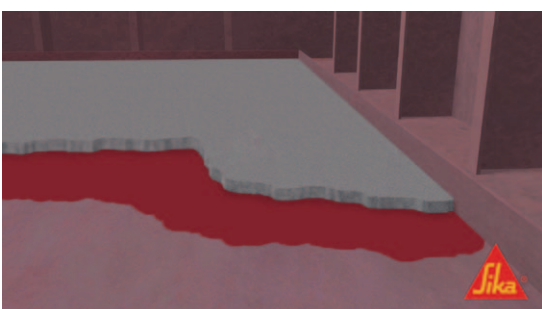
## **Sikafloor® Marine LEVELLING AND FAST CURING COMPOUNDS**

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 troweled and are as well suitable for slopes.



## **Sikafloor® Marine FLOATING FLOORS**

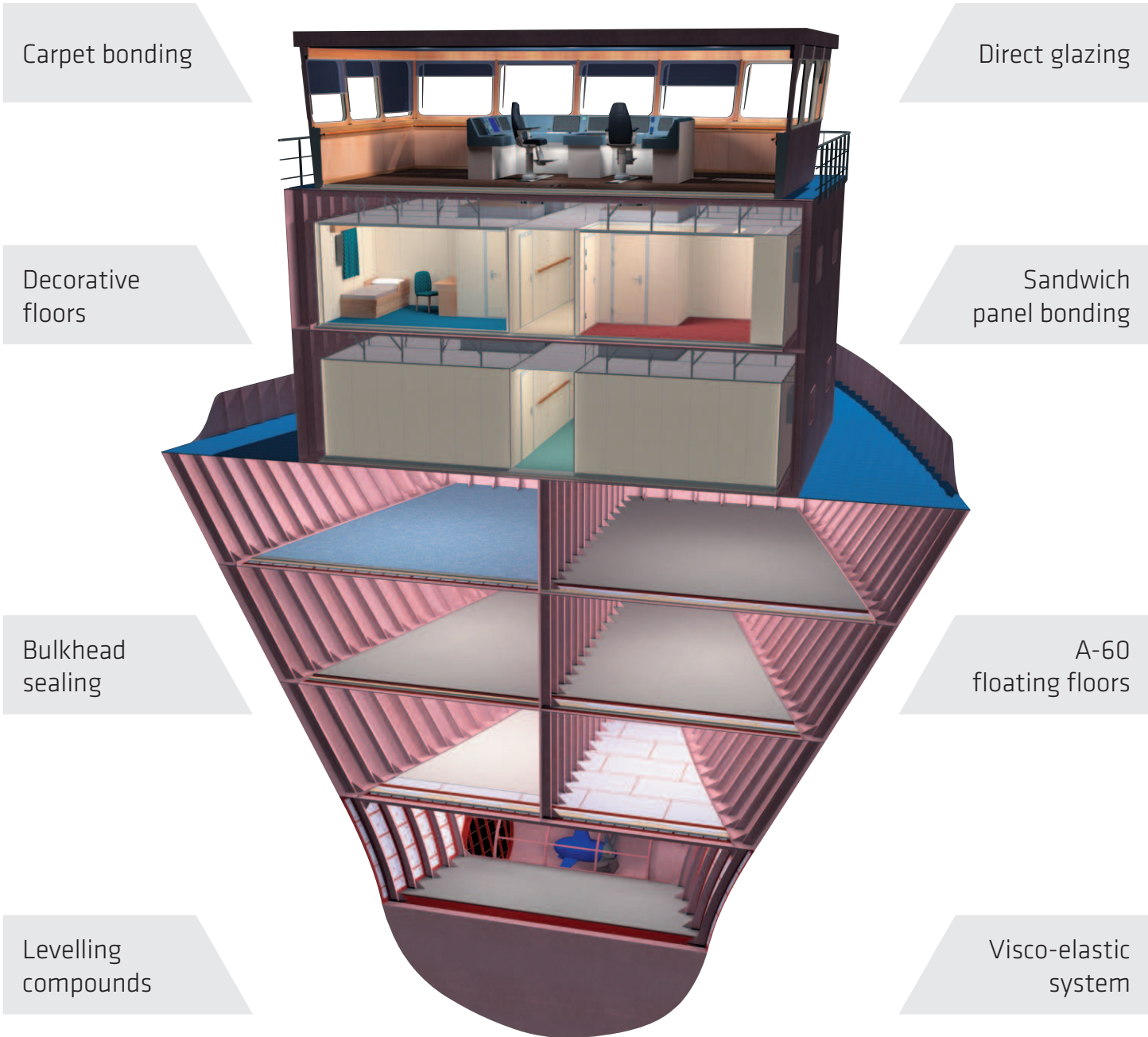
Sikafloor® Marine floating floor systems consist of a mineral wool layer on which either a non-combustible one-component fast curing compound or steel or aluminum plates are applied. These build-ups give maximum sound reduction and provide high degree of comfort for the crew onboard the vessel. The Sikafloor®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




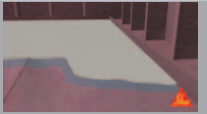







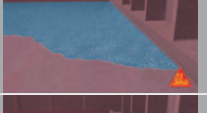


## **Sikafloor® Marine VISCO-ELASTIC FLOORS**

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.


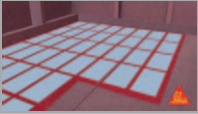
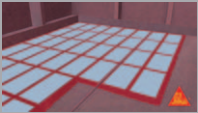
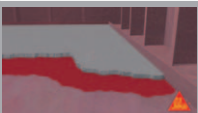
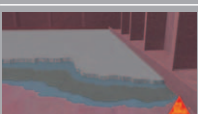



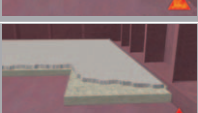
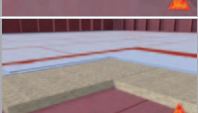
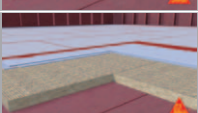
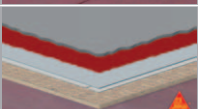
# PROVEN SOLUTIONS FOR COMFORT AND SAFETY




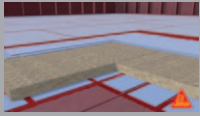
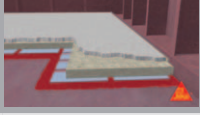
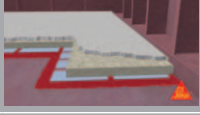
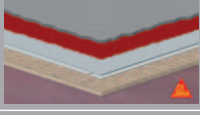
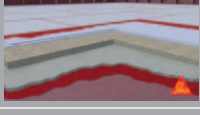
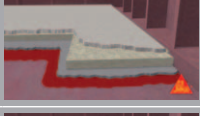
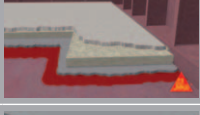

# PRIMARY DECK COVERING

THE SYSTEMS		Density (kg/m <sup>3</sup> )	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


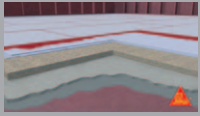


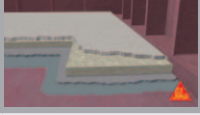

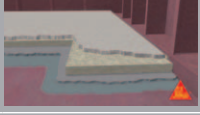


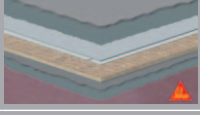


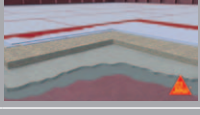










# VISCO-ELASTIC SOLUTIONS AND FLOATING FLOOR SINGLE SYSTEMS

SINGLE SYSTEMS		Minimum height (mm)	Structure borne noise	Airborne noise	A-60 approved	Installation time m <sup>2</sup> /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 <sup>2</sup> /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 <sup>2</sup> /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 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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