

# MARINE SIKA PRE-TREATMENT CHART

FOR Sikafloor® MARINE APPLICATIONS

## UTILISATION OF SIKA PRE-TREATMENT CHART

The information about the pre-treatment of surfaces in this document serves as a guideline only and must be verified by tests on original substrates. Project specific pre-treatment recommendations, based on laboratory tests, are available from Sika upon request. Always consult additional information.

# RECOMMENDATIONS FOR Sikafloor® MARINE RANGE

## PRECONDITION:

Surfaces have to be dry, free of oil, fat, dust and loose particles. Soiled non porous substrates can be cleaned with Sika® Remover-208. According to the nature of soiling, water based cleaners or steam washer etc may be used. For soiled porous substrates, grind surface down to sound material.

Products		Substrate				
		Steel deck	Aluminum deck	Cementitious Mortar	2 K PU resin	
Self levelling mortar						
SFM 107	1	GR BC/V PC	GR V ZP PC	GR BC/V PC	na	
SFM 100	1	BC/V PC	GR V ZP PC	GR BC/V PC	na	
SFM 120	1	BC/V PC	GR V ZP PC	GR BC/V PC	na	
SFM 118FC	1	BC/V PC	GR V ZP PC	GR BC/V PC	na	
SFM 190	1	BC/V PC	GR V ZP PC	GR BC/V PC	na	
Trowel out mortar						
SFM 18	1	BC/V PC	GR V ZP PC	GR BC/V PC	na	
SFM KG 404	1	BC/V PC	GR V ZP PC	GR BC/V PC	na	
SFM KG 202	1	BC/V PC	GR V ZP PC	GR BC/V PC	na	
SFM Litosilo N	1	BC/V PC	GR V ZP PC	GR BC/V PC	na	
SFM Litosilo X	1	BC/V PC	GR V ZP PC	GR BC/V PC	na	
Visco elastic mortar						
SFM VEM	1	BC/V PC	GR V ZP PC	na	na	
SFM VEM X (horizontal)	1	BC/V	GR V ZP	na	na	
SFM VEM X (vertical)	1	BC/V PC	GR V ZP PC	na	na	
Decorative Epoxy resin						
SR 264N	1	na	na	GR V RP	na	
Decorative PU resin						
SFM 570/579	1	SB V ZP	GR V ZP	GR BC/V RP	GR BC/V	
	2	BC/V ZP				
SFM 590/599	1	SB V ZP	GR V ZP	GR BC/V RP	GR BC/V	
	2	BC/V ZP				
SFM 595	1	SB V ZP	GR V ZP	na	GR BC/V	
	2	BC/V ZP				
SFM 530	1	SB V ZP	GR V ZP	GR BC/V RP	GR BC/V	
	2	BC/V ZP				
SFM 598	1	SB V ZP	GR V ZP	na	GR BC/V	
	2	BC/V ZP				
SFM 505	1	na	na	na	AP	
SFM 504	1	na	na	na	AP	

# PRODUCT DATA AND ABBREVIATIONS

Abbreviation	Product/Explanation
SFM 107	Sikafloor® Marine-107
SFM 100	Sikafloor® Marine-100
SFM 120	Sikafloor® Marine-120
SFM 118FC	Sikafloor® Marine-118FC
SFM 190	Sikafloor® Marine-190
SFM 18	Sikafloor® Marine-18
SFM KG 404	Sikafloor® Marine KG-404
SFM KG 202	Sikafloor® Marine KG-202
SFM Litosilo N	Sikafloor® Marine Litosilo N
SFM Litosilo X	Sikafloor® Marine Litosilo X
SFM VEM	Sikafloor® Marine VEM
SFM VEM X	Sikafloor® Marine VEM X
SR 264N	Sikafloor®-264 N
SFM 570/579	Sikafloor® Marine-570/579
SFM 590/599	Sikafloor® Marine-590/599
SFM 595	Sikafloor® Marine-595
SFM 530	Sikafloor® Marine-530
SFM 598	Sikafloor® Marine-598
SFM 505	Sikafloor® Marine-505
SFM 504	Sikafloor® Marine-504
SFM Primer C	Sikafloor® Marine Primer C
SR 150/151	Sikafloor®-150/151

**Notice:** Not all products available globally.

Abbreviation	Product/Explanation	Remarks
SB	Shot blasting SA 2.5 if shop primer give not an adequate surface for further flooring application	SikaCor® ZP Primer to be applied if shop primer quality is not adequat.
BC/V	Broom Cleaning / Vacuum Cleaning	
PC	Sikafloor® Marine Primer C	Good and constant quality of shop primer must be given
GR	Sanding from 40 - 80 grit up to diamond disc	Treatment depends on existing surface quality and selected top layer

Abbreviation	Product/Explanation	Remarks
ZP	SikaCor® ZP Primer	General comment: On zinc rich primed metal it is required to apply the SikaCor® ZP Primer prior to any application!
RP	Resin primer SR 150/151	Low viscous epoxy resin, Sika branded
na	Not applicable	
AP	Abrasive Pad very fine and vacuum cleaning	

## Other remarks to be completed

Sika is not responsible for any third party's corrosion protection products already installed. Corrosion protective primer surface must be clean, completely closed and in good condition. If the corrosion protection is not given or in bad condition contact Sika Technical Department.

Deco resins over mortars have to follow Sika rules regarding compression strength and pull off force.

For PU Deco resins over 2K PU layers. If the first layer is max one day old and clean, only vacuum cleaning is needed, otherwise an additional sanding process is compulsory.

## EXPLANATORY NOTES ON SUBSTRATE PREPARATION AND TREATMENT

### 1. Aluminum

Alloys containing magnesium or silicium may form an unstable layer on the surface. This layer must be removed with a very fine abrasive pad.

### 2. Steel

Depending on the exposure conditions, steel is subject to corrosion. In most cases primer layers protect the surface to a certain degree. Whether her or not, if this protection is sufficient for specific processes is at the customers sole discretion.

### 3. Cementitious Mortar

All dust, loose, friable material and any laitance must be completely removed with e.g. a rotating or diamond grinder before application.

### 4. 2 K PU resin

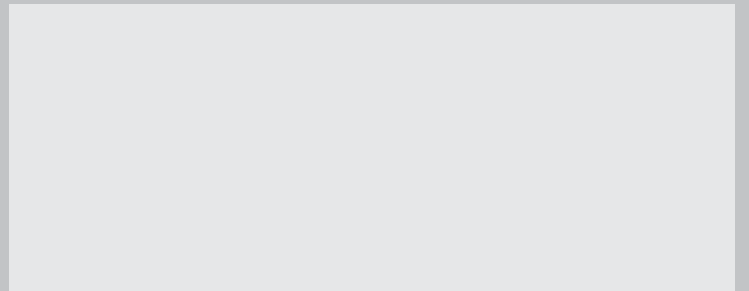
For decorative floors, allow the first 2 K PU resin layer to cure for at least 24 hours. It is important to ensure that areas do not get exposed to water and are preferably protected from the elements. Sand the surface to provide a better mechanical interlock to the next layer. Vacuum clean it prior to the final covering.

# GLOBAL BUT LOCAL PARTNERSHIP



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



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