



# General Application Guidelines

## Sikafloor<sup>®</sup> Marine VEM



Version 1 (06 / 2013)


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# Application Steps

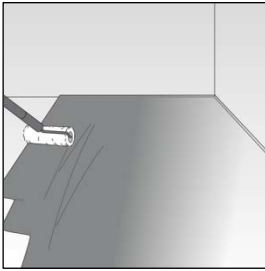
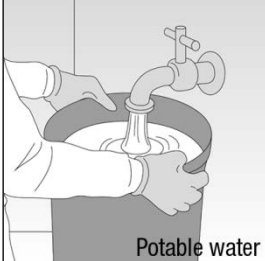
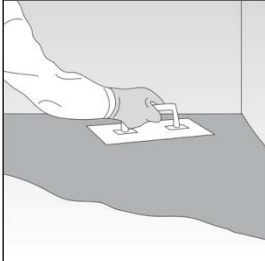
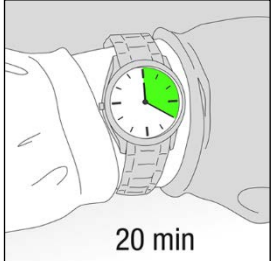
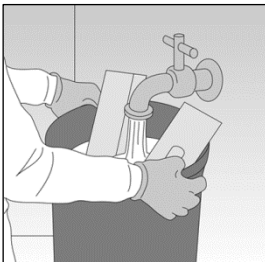
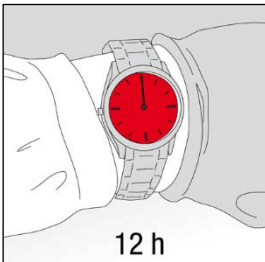
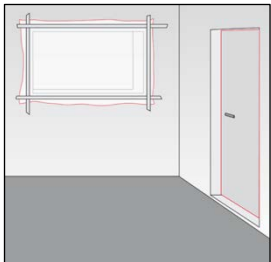
## Preconditions

- ⇒ Use this application guideline in conjunction with the current Product Data Sheet
- ⇒ Use protection according to the Safety Data Sheet
- ⇒ Application only by trained persons
- ⇒ Keep the bags with Sikafloor® Marine VEM in a dry place
- ⇒ Application directly on cement based mortars, steel or aluminum
- ⇒ For application on metals primed with zinc-rich primers contact Sika Technical Department – Industry
- ⇒ On aluminum always apply SikaCor® ZP Primer or another suitable coat prior to any further application
- ⇒ Ambient and substrate temperature between 5°C (40°F) and 35°C (95°F)
- ⇒ Bag size: 20 kg

Consumption (approximate)				
Layer thickness	1 mm	1.5 mm	2 mm	
Bags required per m <sup>2</sup>	0.07	0.1	0.13	

1	<p>If necessary remove oil and grease from metal surfaces with solvents such as Sika® Remover-208 or water based cleaners.</p> <p><i>Replace dirty rag frequently and discharge it according to national regulations.</i></p>		
2	<p>Remove rust, loose paint and particles with a rotating grinder from steel, aluminum or mortar. Remove dust with a vacuum cleaner or broom.</p>		
3	<p>Apply Sikafloor® Marine Primer-C with a long hair roller.</p> <p><i>Consumption about 75 g/m<sup>2</sup></i></p>		

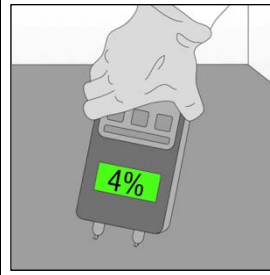


4	<p>Let dry until milky aspect changed to transparent.</p> <p><i>Maximum waiting time is 24 hours</i></p>		
5	<p>To get a homogeneous mortar, mix one bag of Sikafloor® Marine VEM with cold potable water (between 6.6 and 7.2 liters / 33 - 36%) depending on the consistency you need.</p> <p><i>20 kg bag ⇒ 6.6 – 7.2 liter of potable water</i></p>	 <p>Potable water</p>	
6	<p>Apply the Sikafloor® Marine VEM with a nudged trowel.</p> <p><i>Respect working time of max. 20 min. Layer thickness is between 1 and 2 mm</i></p>		 <p>20 min</p>
7	<p>Clean tools immediately with water.</p>		
8	<p>Allow the floor to cure for at least 12 hours and do not walk on it during the curing period.</p> <p><i>Protect against freezing, direct heat/sunshine and draught.</i></p>	 <p>12 h</p>	



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Ensure that the Sikafloor® Marine VEM is fully cured (water content max. 4%) before any subsequent applications of vinyl's, coatings etc.



## Procedure

### Determination of the floor dryness (according to ASTM D 4263)

1. Put a PE-plastic foil of about 1 m<sup>2</sup> on the surface of the applied floor
  2. Tape the perimeter and leave for one day
- ⇒ The curing is complete if there is no water condensation on the foil or a visible color difference between covered and uncovered surface.



#### Legal Notes

The information contained herein and any other advice 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 accordance with Sika's recommendations. The information only applies to the application(s) and product(s) expressly referred to herein and is based on laboratory tests which do not replace practical tests. In case of changes in the parameters of the application, such as changes in substrates etc., or in case of a different application, consult Sika's Technical Service prior to using Sika products. The information contained herein does not relieve the user of the products from testing them for the intended application and purpose. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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