



General Application Guidelines

Sikafloor[®] Marine VEM



Version 1 (06 / 2013)


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Application Steps

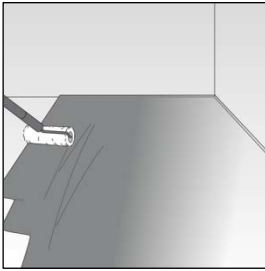
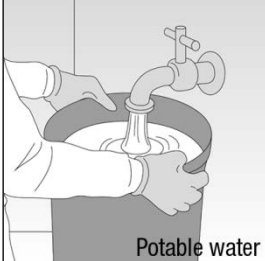
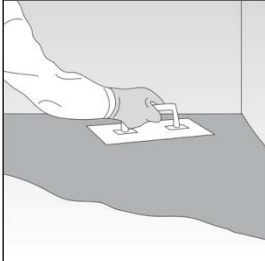
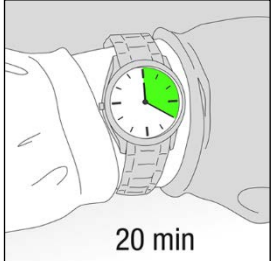
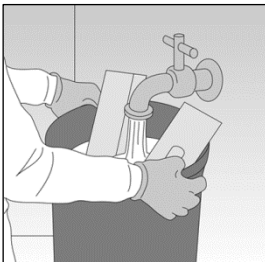
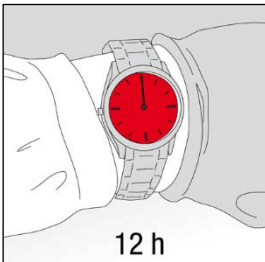
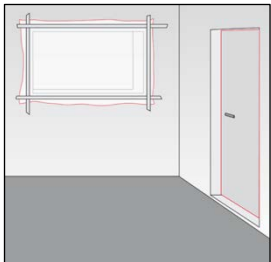
Preconditions

- ⇒ 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 ²	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/m²</i></p>		

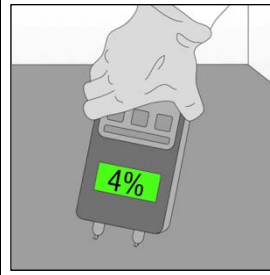


4	<p>Let dry until milky aspect changed to transparent.</p> <p><i>Maximum waiting time is 24 hours</i></p>		
5	<p>To get a homogeneous mortar, mix one bag of Sikafloor® Marine VEM with cold potable water (between 6.6 and 7.2 liters / 33 - 36%) depending on the consistency you need.</p> <p><i>20 kg bag ⇒ 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 m² 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

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