



# General Application Guidelines

## Sikafloor<sup>®</sup> Marine 120



Version 3 (11/2012)

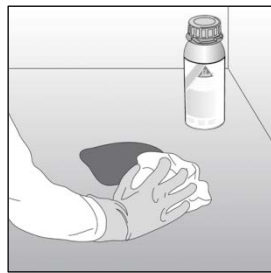
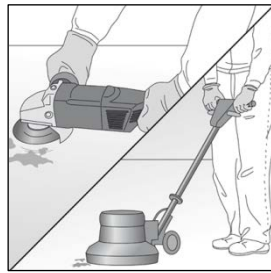

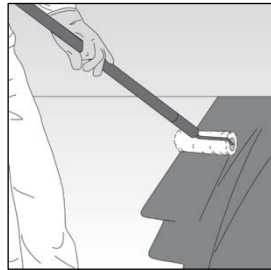
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# Application Steps

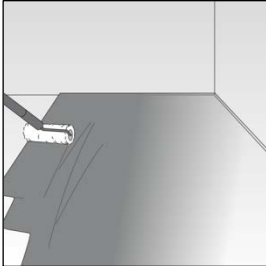
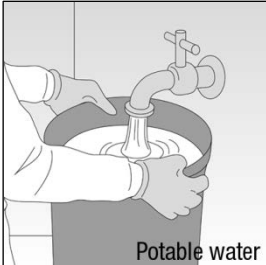
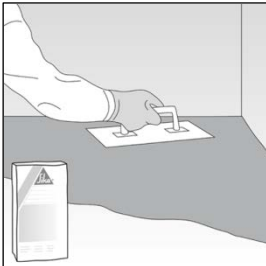
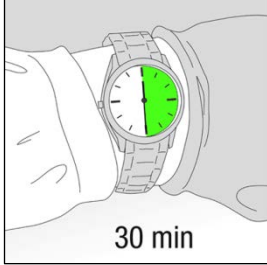
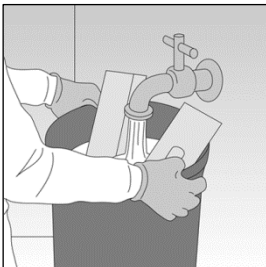
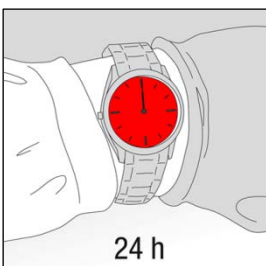
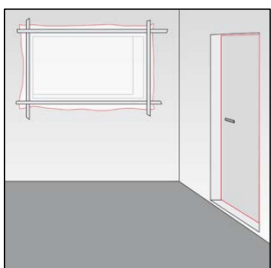
## Preconditions

- ⇒ Use this application guideline in conjunction with the current Product Data Sheet
- ⇒ Use protection according to the Material Safety Data Sheet
- ⇒ Application only by trained persons
- ⇒ Keep the bags with Sikafloor® Marine 120 in a dry place
- ⇒ Application directly on cement based mortars, steel or aluminium
- ⇒ For application on metals primed with zinc-rich primers contact Sika Technical Department – Industry
- ⇒ On Aluminium always apply SikaCor® ZP Primer or another suitable coat prior to any further application
- ⇒ Gradient of the surface max 3%
- ⇒ Ambient and substrate temperature between 5°C (40°F) and 35°C (95°F)
- ⇒ Bag size: 16 kg



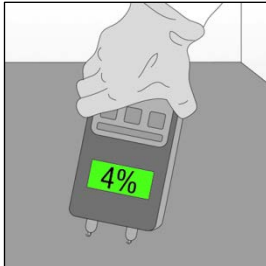
	Consumption (approximate)			
Layer thickness	5 mm	15 mm	25 mm	30 mm
Bags required per m <sup>2</sup>	0.3	0.9	1.5	1.8

<b>1</b>	<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>		
<b>2</b>	<p>Remove rust, loose paint and particles with a rotating grinder from steel, aluminium or mortar. Remove dust with a vacuum cleaner or broom.</p>		
<b>3</b>	<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 120 with minimum 5.9 and maximum 6.6 litres of potable water according to the consistency you need.</p> <p><i>16 kg bag ⇒ 5.9 – 6.6 litre of potable water</i></p>	 <p>Potable water</p>	
6	<p>Apply the Sikafloor® Marine 120 with a trowel or straight edge.</p> <p><i>Respect working time of max. 30 min. Layer thickness is between 3 and 30 mm</i></p>		 <p>30 min</p>
7	<p>Clean tools immediately with water.</p>		
8	<p>Let the floor to cure for at least 24 hours (do not walk on it for 12 hours!).</p> <p><i>Protect against freezing, direct heat/sunshine and draught.</i></p> <p>Close doors and windows and cover openings with plastic foil.</p>	 <p>24 h</p>	



9	If the surface is not completely even, grind the uneven areas and vacuum clean it prior the final covering.		
10	Ensure that the Sikafloor® Marine 120 is fully dry (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 colour 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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