



# GENERAL APPLICATION GUIDELINES

## Sikafloor® Marine 190

**BUILDING TRUST**

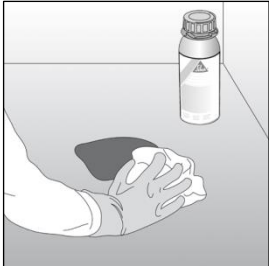
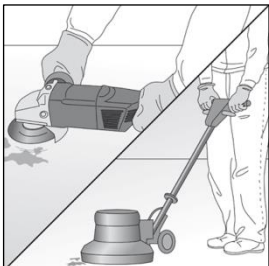
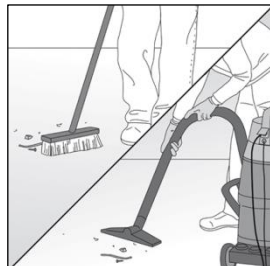


# APPLICATION STEPS, 1-2

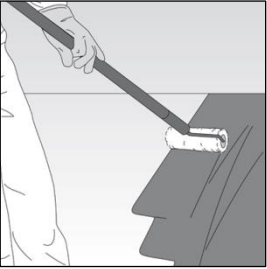
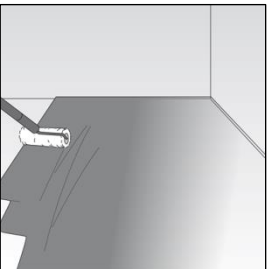
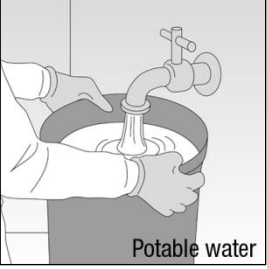
## PRECONDITIONS

- 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 190 in a dry place
- Ambient and substrate temperature between 5°C and 35°C
- 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
- Bag size: 25 kg

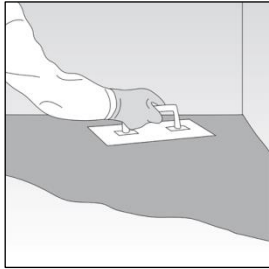
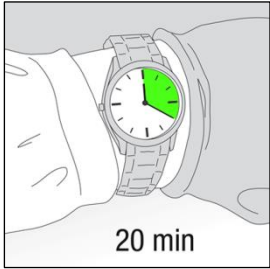
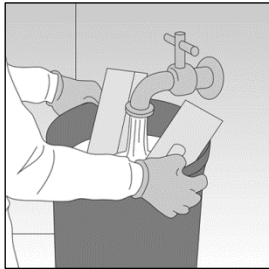
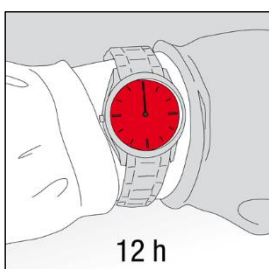
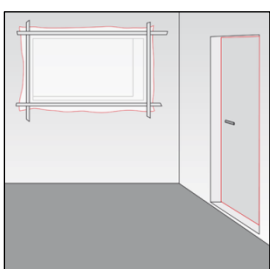
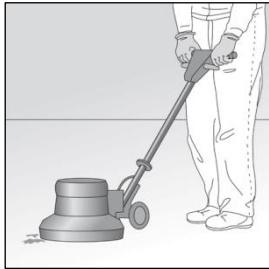

Consumption (approximate)				
Layer thickness	1 mm, theoretical	1 mm, practical	3 mm	6 mm
Bags required per 1m <sup>2</sup>	14.8	14.0	4.6	2.3

<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>Replace dirty rag frequently and discharge it according to national regulations</p>		
<b>2</b>	<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>		

# APPLICATION STEPS, 3-5

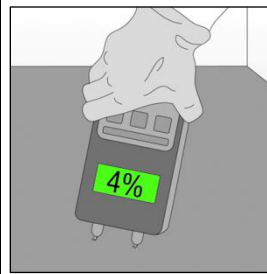
<b>3</b>	<p>Apply Sikafloor® Marine Primer-C with a long hair roller.</p> <p>Consumption about 75 g/m<sup>2</sup></p>		
<b>4</b>	<p>Let dry until milky bluish aspect has changed to transparent.</p> <p>Maximum waiting time is 24 hours</p>		
<b>5</b>	<p>To get a homogeneous mortar, mix one bag of Sikafloor® Marine 190 with cold potable water (between 5.3 and 5.8 liters / 21 - 23%) depending on the consistency you need.</p> <p>25 kg bag ⇒ 5.3 – 5.8 liter of potable water</p>		

# APPLICATION STEPS, 6-9

6	<p>Apply the Sikafloor® Marine 190 with a trowel or straight edge. Sikafloor® Marine 190 can be applied with Pin rake and can be spike rolled</p> <p><i>Respect working time of max. 20 min. Layer thickness is between 2 and 10 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 (do not walk on it for 12 hours!). Close doors and windows and cover openings with plastic foil.</p> <p><i>Protect against freezing, direct heat/sunshine and draught.</i></p>	 <p>12 h</p>	
9	<p>If the surface is not completely even, grind the uneven areas and vacuum clean it prior the final covering.</p>		

# APPLICATION STEP, 10

Ensure that the Sikafloor® Marine 190 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.

# GLOBAL BUT LOCAL PARTNERSHIP



## 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 most current local product data sheets prior to any use.



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