

## PRODUCT DATA SHEET

# Sika<sup>®</sup> Mortier Rapide

Ready-for-mixing hydraulic mortar with a very short setting time.

### DESCRIPTION

SIKA MORTIER RAPIDE is a ready-for-mixing mortar containing based on cement, aggregates and admixtures.

hot water.

### USES

- Sika<sup>®</sup> Mortier Rapid is a fast-setting repair and waterproofing mortar designed for quick repairs and patching in concrete and masonry surfaces. Here are its main uses:
- Sika Mortier Rapid is ideal for repairing spalled or damaged concrete, including slabs, columns, and beams, particularly where quick setting is required.
- It's also used for filling and repairing holes, voids, or cracks in masonry walls, including brick, block, and stonework.
- This mortar is commonly used for patching surfaces exposed to weather or in high-traffic areas due to its fast setting and durability.
- It can be used to repair broken or damaged edges and corners of stairs, balconies, and other concrete elements that require precise work with rapid hardening.
- Suitable for surface repairs in areas such as industrial floors, driveways, or pavements, where fast turn-around times are needed to minimize downtime.
- Sika Mortier Rapid can also be used for anchoring objects like railings, bolts, and fences into concrete or masonry surfaces.

### FEATURES

- Ultra-rapid setting.
- Very rapid strength increase.
- High final mechanical strengths.
- Low shrinkage.
- First-rate adhesion on substrates.
- Chloride-free (protection against steel corrosion).
- Reactivity adjustable as need be by adding cold or

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November 2024, Version 01.06

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## PRODUCT INFORMATION

<b>Packaging</b>	5- and 10-kg bucket.																					
<b>Shelf life</b>	The product stored in an unopened packaging and in a dry place has a 6-month shelf-life.																					
<b>Storage conditions</b>	The product must be stored in closed, sealed and undamaged packaging in dry conditions at temperatures between +5°C and +30°C. The packaging must be protected from moisture.																					
<b>Colour</b>	Grey																					
<b>Consumption</b>	Depends on the volume to be filled: provide for 1,7 kg of SIKA MORTIER RAPIDE/ 1-litre cavity.																					
<b>Pot Life</b>	Depending on the temperature of components: <table border="1"><thead><tr><th colspan="2">Temperatures (°C)</th><th>Pot life</th></tr><tr><th>water</th><th>powder</th><th>min.s.</th></tr></thead><tbody><tr><td>5</td><td>5</td><td>4.30</td></tr><tr><td>30</td><td>5</td><td>2</td></tr><tr><td>20</td><td>20</td><td>1</td></tr><tr><td>30</td><td>30</td><td>0.4</td></tr><tr><td>5</td><td>30</td><td>2.30</td></tr></tbody></table>	Temperatures (°C)		Pot life	water	powder	min.s.	5	5	4.30	30	5	2	20	20	1	30	30	0.4	5	30	2.30
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## BASIS OF PRODUCT DATA

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

## ECOLOGY, HEALTH AND SAFETY

## APPLICATION INSTRUCTIONS

Conditions for use

Minimum temperature: + 5°C

Maximum temperature: + 30°C.

Wet the substrate.

Mix in small quantities in a clean trough held inclined (block it): pour a small quantity of water and add the powder mixing it rapidly until a creamy mortar is obtained.

Depending on the type of work, apply with the trowel or with the hand, taking the trowel as soon as the paste starts to harden.

**DO NOT BEAT AGAIN OR ADD WATER.**

Heat activates the reaction while cold slows it down.

The use of cold or lukewarm water for mixing allows one to somewhat adapt the pot life to working conditions and room temperature.

## APPLICATION

- Plugging of water inrush.
- Dressing under running water.
- Pre-waterproofing of walls in case of water dripping under pressure.
- Small rapid anchoring: shutter hinges, parapets.

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## CLEANING OF EQUIPMENT

Clean the implements with water. Important considerations Non toxic, non hazardous handling. Avoid any contact with the skin and the eyes.

## LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for exact product data and uses.

## LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, 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. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. 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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