

SIKA[®] MORTIER RAPIDE

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

Description

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

Colour: grey.

General characteristics

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 hot water.

Applications

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.

Ph and Ch (mechanical) characteristics

Fresh mortar density: about 2

Mechanical strengths

Ratio: 1 litre of water/4,5 kg of powder at 20°C (100% R.H.)

Age	Compression (MPa)	Bending tension (MPa)
5 minutes	8	2
10 minutes	14	3
15 minutes	18	3
1 day	31	6
7 days	43	7
28 days	49	8

Packaging

5- and 10-kg bucket.

Storage and shelf-life

The product stored in an unopened packaging and in a dry place has a 6-month shelf-life.

Consumption

Depends on the volume to be filled: provide for 1,7 kg of SIKAGROUT MORTIER RAPIDE/ 1-litre cavity.

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.

Pot life

Depending on the temperature of components:

Temperatures (°C)		Pot life
water	powder	min.s.
5	5	4.30
30	5	2
20	20	1
30	30	0.40
5	30	2.30

Cleaning

Clean the implements with water.

Important considerations

Non toxic, non hazardous handling.

Avoid any contact with the skin and the eyes..

Product for strictly professional use only.
«The product described in this data sheet is covered under the manufacturer's product liability policy».



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