

PRODUCT DATA SHEET

RR

Cement based fast setting repair mortar, 0-50 mm.

DESCRIPTION

Fine grained, fast drying, strong and shapeable sturdy mortar. Suitable on substrates like concrete, cement, gypsum, wood, tiles etc, layer thickness up to 50 mm.

USES

- For indoor use only.
- For fast full-surface smoothing of the subfloors.
- On staircases and wall projections.
- To level out differences in height to adjacent areas.
- As a repairing mortar for filling holes and deepenings.
- Can be used under textile, ceramic and elastic coverings.
- Suitable for applications on subfloor heating system.

FEATURES

- Fine-grained
- Able to shape
- Free of cracks even in thicker layer
- Fast drying independent of the layer thickness

CERTIFICATES AND TEST REPORTS

- EN 13813: CT-C25-F7
- EC1 Plus & M1 for low emission

PRODUCT INFORMATION

Composition	Cement based
Packaging	15 kg bag
Shelf life	6 months from production date (s. packaging) in unopened packaging. Opened packaging should be closed immediately and used up as soon as possible.
Storage conditions	Store in cool, dry conditions.
Bulk density	1,42 kg/liter of dry powder

APPLICATION INFORMATION

Mixing ratio	15 kg of powder with 3,3 liters of cold water
Consumption	approx. 1,6 kg/m ² /mm
Layer thickness	1-10 mm (10-50 mm extended with sand)
Substrate temperature	Not below +5°C, best conditions between +15°C - +20°C, both substrate and leveling compound.
Pot Life	approx. 15 minutes

Waiting time	<ul style="list-style-type: none"> ▪ Walkable after approx. 0,5 hours ▪ Coverable after approx. 4 hours
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BASIS OF PRODUCT DATA

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

ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY

RR is suitable on substrates like:

- Concrete
- Light concrete
- Cement and rapid cement screeds
- Mastic asphalt screeds (sanded) IC 10 and IC 15 according to EN 13 813
- Old substrates such as ceramic tiles, natural stones, and terrazzo
- Wooden substrates
- Gypsum boards.

SUBSTRATE PREPARATION

Requirements to the substrate:

- Adequate strength, bearing strength, dimensional stability and permanent dry.
- Free of layers which reduce adhesion, e.g., dust, dirt, oil, fat, wax cleaning agents and loose particles.
- Separation layers, sinter layers, and other similar contamination should be removed through sanding, brushing, abrasive blast cleaning, milling or thorough cleaning.
- Old, loose, and weak levelling layers should be removed mechanically.
- When installing floor coverings, the RH of the construction must not exceed 85%.
- Layers of water-soluble adhesives, e.g., sulphatic adhesives, should be removed completely.
- Old water-resistant adhesives should be mechanically removed as thoroughly as possible.
- Old floors, such as ceramic tiles, are to be thoroughly cleaned and sanded.
- OSB to be grinded intensively.
- Rooms that do not have a cellar underneath must be sealed against rising dampness in compliance with the standard.

The requirements specified in relevant valid standards, guidelines and specifications must be fulfilled.

SURFACE PREPARATION

For priming the substrates, use a suitable Casco primer. For further information see the Product Data Sheet of the chosen primer.

MIXING

15 kg of RR / 3,3 liter of cold water.

- Extended levelling compound (above 10 mm thickness) The additive is added last.
- Layer thickness of 10 to 20 mm: mix 15 kg RR with 3,6 liter of water + 9,6 kg sand (0-3mm).
- Layer thickness of 20 to 50 mm: mix 15 kg RR with 3,6 liter of water + 15 kg of sand (0-8 mm).

APPLICATION

- Use a clean bucket.
- Pour RR into cold, clean water and stir to a homogenous mixture (speed mixer recommended, 600 rpm, 3 min).
- Spread, smooth, and model the levelling compound with a smoothing trowel or spatula.
- Protect curing RR from high ambient temperatures, direct sunlight, and draughts.
- The leveling compound must be covered.

APPLICATION METHOD / TOOLS

Steel spatula and trowel.

CLEANING OF EQUIPMENT

Clean tools with water.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the declared data for this product may vary from country to country. Please consult the local Product Data Sheet for the exact product data.

LEGAL NOTES

Any information or suggestions for use concerning Sika's products, which we either in writing or orally have given buyers or end-users of the product, have been given in good faith based on our own experiences and based on approved praxis and the technological and scientific knowledge on the time of giving such suggestions and information, which are given without any type of guarantees, and which do not lead to any further responsibility from Sika Danmark A/S, besides what is stated in the sales agreement in question. The buyer or end-user should themselves investigate or otherwise make sure, that our products are suitable for the use in question and further make sure that the products are kept and used correct and in

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agreement with the published rules and considering the actual conditions in order to avoid damages or less satisfactory results. Any order is accepted and any deliverance is affected according to the general terms of sales and delivery from Sika Danmark A/S, which are considered known and accepted, and which could be handed out when asked for. Our catalogues are not up-dated automatically. The present product data sheet is only for use in Denmark. Values stated in the present product data sheet should be seen as recommended, unless stated otherwise.

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