

ALSAN RS Levelling

Areas of application

ALSAN RS Levelling is used to level out rough areas or differences in height on concrete and asphalt surfaces or to replace destroyed or removed tiles.

When used as a surface mortar, negative gradients can also be smoothed out or corrected.

Application conditions

The product can be applied at substrate and ambient temperatures between + 3 ° min. and + 35 ° max.

In enclosed spaces the air must be replaced at least 7 times by forced ventilation.

Substrate pre-treatment

The substrate must be sound, dry and free from loose or adhesion-reducing particles. Before applying the product directly onto non-absorbent substrates (e.g. plastics sections, metals etc.), we recommend rubbing down the surfaces with abrasive paper and then cleaning them with ALSAN RS Cleaning Agent to provide a better key (remember to allow time for the cleaning agent to evaporate).

Substrate adhesion should always be tested on site.

Primer

The following must be coated with a primer:

- a) Absorbent and synthetic-resin modified substrates (e.g. concrete, screed or wood) with ALSAN RS 276 Primer
- b) Highly absorbent substrates with ALSAN EPR, followed by a sand topping (0.2 – 0.6 mm) to cover the whole area
- c) Asphalt substrates with ALSAN RS 222 Primer

(See also table of substrates.)

Application instructions

1. Primer

- a) Using a lambswool roller, apply an even film of ALSAN RS 276 Primer to the prepared surface.
Interval: approx. 30 minutes
- b) fully Using a lambswool roller, apply an even film of ALSAN EPR to the prepared surface. Avoid the formation of puddles. While the primer is still wet, top with a generous amount of quartz sand $\geq 0.2 - 0.6$ mm and vacuum off the excess once the primer has cured.
Interval: approx. 3 hours
- c) Using a lambswool roller, apply an even film of ALSAN RS 222 Primer to the prepared surface.
Interval: approx. 30 minutes

2. Levelling

- Small cracks and joints

Use a brush or trowel to apply ready-mixed **ALSAN RS Surfacer**.

- Rough (broken up) areas t (depth) ≤ 10 mm

Pour on ready-mixed **ALSAN RS 233 Self-Levelling Mortar** and spread evenly with a trowel to create a smooth surface.

- Rough (broken up) areas t (depth) ≥ 10 mm

Pour the ready-mixed **ALSAN RS 242 Mortar** onto the prepared surface and immediately compact it and smooth it over with a smoothing trowel.

APPLICATION GUIDELINES

ALSAN RS Coatings

Please refer to the relevant application guideline if other **ALSAN RS Systems** are to be applied on top.

Reaction times (approx. values at 20 °C)

Pot life minutes	approx. 15
Rain-proof after minutes	approx. 30
can be walked on / next layer can be applied after	approx. 1 hour
Fully cured after hours	approx. 3

Cleaning the tools

The tools must be cleaned thoroughly within the pot life of the product when work is completed or interrupted. The curing process is not halted if the tools are merely immersed in cleaning agent.
(Remember to allow time for the cleaning agent to evaporate.)

Information on risks and safety

See product safety data sheets.

The advice we provide on the application of our products is based on extensive development work as well as many years of experience and is given to the best of our knowledge. However, the wide variety of requirements for a building under the most diverse conditions mean that it is necessary for the contractor to test the product for its suitability in any given case. We reserve the right to make changes in keeping with technical developments or improvements to our products.

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