



# ALSAN RS REPAIR MORTAR

Alsan RS Repair Mortar

Order No. L-RS227A / L-RS228A (10 kg mix)  
L-RS227B / L-RS228B (33.34 kg mix)

## DESCRIPTION & APPLICATION

Alsan RS Repair Mortar is a highly filled two-component repair and leveling mortar based on methyl methacrylate resin and a formulated, activated filling mixture.

**PRODUCT USES:**

Alsan RS Repair Mortar is used as a lean mortar or a gradient leveling mortar for subsequent Alsan RS liquid membrane systems.

**VOC:**

Alsan RS Repair Mortar has a VOC content of under 50 g/L.

**PACKAGING:**

Alsan RS Repair Mortar is packaged in two components, a one (1) kg container of Alsan RS Repair Mortar Resin (L-RS227A) and a nine (9) kg quantity Alsan RS Repair Mortar Powder (L-RS228A), which are combined on site to produce a ten (10) kg mixture.

Alsan RS Repair Mortar is also packaged in a larger quantity - a 3.34 kg quantity of Alsan RS Repair Mortar Resin (L-RS227B) and a 30.0 kg quantity of Alsan RS Repair Mortar Powder (L-RS228B). This combined amount produces a 33.34 kg quantity.

**STORAGE:**

Can be stored unopened in a cool dry place and protected against frost for approximately three (3) months. Avoid direct sunlight on the packaging/containers, even on site.

**HANDLING:**

Always use caution when handling the products. Do not smoke. Keep away from open flame, fire or any ignition source. Avoid skin and eye contact with this product. Cured product may be disposed of in standard landfills. Uncured product is considered a hazardous material and must be handled as such, in accordance with local, state and federal regulations. Workers must wear long sleeved shirts, long pants, work boots and use only butyl rubber or nitrile gloves when working with the product. Safety glasses with side shields are required for eye protection. Use of NOISH approved respirator is required if the airborne concentration exceeds recommended limits. For more information, refer to instruction on the label of the can and to relevant Material Safety Data Sheet (MSDS).

**MIXING:**

Briefly shake the resin component, then add the entire contents of the resin container to the sand mixture. Use a slow-speed (200 to 400 rpm) mechanical agitator to produce a smooth and homogenous mixture (approximately three (3) minutes, re-pot the entire mix and apply immediately.

**IMPORTANT - PLEASE NOTE:** Alsan RS Repair Mortar does not utilize a separate organic peroxide catalyst to activate the mixture.

**SURFACE PREPARATION:**

Refer to Soprema Alsan RS "Substrate Preparation & Priming Guidelines" for information and requirements. Contact Soprema Technical Department for recommendations regarding specific applications.

**APPLICATION:**

After mixing, apply resin to clean and prepared substrate at the required consumption using Soprema rollers, brushes or notched squeegee. The resin should be spread evenly onto the surface. See individual system specifications for specific guidelines regarding application of primer, membrane, topcoat and/or slip-resistant protective surfacing.



## TECHNICAL INFORMATION

### COVERAGE RATE

Approximately 2.1 kg/m<sup>2</sup> per mm of layer thickness corresponds to approximately 2.1 kg/L

See recommendations for specific applications. Yields will vary depending upon substrate condition.

### TEMPERATURE APPLICATION RANGES

Ambient temperature	Substrate temperature
37° - 95°F (3° - 35°C)	37° - 122°F (3° - 50°C)

Substrate must not exceed a maximum six percent moisture content and maximum 96% relative humidity.

### SET TIMES AT 68°F (20°C)

Pot life:	15 minutes
Rain proof after:	30 minutes
Set time / walked on / next layer:	60 minutes
Fully cured:	3 hours

Pot life is dependent on ambient temperatures and will be reduced at higher temperatures. Minimum set times are approximate and may vary. Actual set times and cure times should be established in the field, based on actual field conditions.