

Modified styrene butadiene resin**Application**

Used as an adhesion agent in:

- laying and joint mortars for tiles, natural stone, ...
- the bond coat applied during repair work
- the production of open structure concrete
- as an adhesive link between new and old concrete
- when using our products Kalei Liscio 2 and Cemsec

Properties

- Provides concrete/mortar with a very good adhesive qualities, even in thin layers.
- Provides concrete/mortar an improved plasticity.
- Provides concrete/mortar an improved compressive strength, tensile and wear resistance.
- Provides concrete/mortar a higher resistance to many types of salt and acid.
- Has a high saponification resistance.

Directions

- **Cemgrip S** should always be added to the gauging water of the mortar or concrete.
- When used as an adhesion promoter: dilute **Cemgrip S** with water in a 1:3 ratio. Brush it onto the existing concrete after mixing.
- When used in mortars: add **Cemgrip S** to the mixing water and use the mixture to prepare the mortar or concrete. Consumption: see Consumption/Dosage.
- When used with Cemsec: add **Cemgrip S** to the mixing water and use the mixture to prepare the Cemsec. Only add Cemgrip S to the first (rendering) layer as a salt blocker (0,5 litres of **Cemgrip S** per 25 kg bag of Cemsec).
- When used with the Kalei Liscio 2: add **Cemgrip S** to the mixing water and use the mixture to prepare the Kalei Liscio 2. Consumption depends on the colour of the lime mortar: please refer to the technical data sheet for Kalei Liscio 2.

Technical characteristics

Consistency	liquid
Solubility	in water
Colour	white
Volume mass	+/- 1,01 kg/dm ³
pH	9,5
Solids	45% +/- 1
Membrane-forming	between 5 and 10°C

Quantity to use

Mortar or concrete	1 to 5% of the cement by weight or 0,5 to 2,5 ltr per 50 kg cement.
Adhesive link	1 part Cemgrip S to 3 parts water by volume, brush onto old concrete, in the case of thick layers.
Cement slurry layer (per m ²)	1 ltr sand + 1 ltr cement + ¼ ltr water + ¼ ltr Cemgrip S .
Laying and joint mortars	1 to 2% of the cement by weight or 0,5 to 1 ltr per 50 kg cement.
Wearing course	1 to 2% of the cement by weight.
When using Cemsec	adding 2% as salt blocking in the cement slurry layer (0,5 ltr Cemgrip S per bag of 25 kg of Cemsec)
When using Kalei Liscio	
Without color pigments	25 kg powder + 7,5 to 10 ltr water (Cemgrip S optional, advised in case of salts, difficult grounds)
With 1 bucket of color pigments	25 kg powder + 7,5 to 10 ltr water (Cemgrip S optional, advised in case of salts, difficult grounds),
With 2 buckets of color pigments	25 kg powder + 7,5 to 10 ltr water + 0,5 ltr Cemgrip S
With 3 buckets of color pigments	25 kg powder + 7,5 to 10 ltr + 1 ltr Cemgrip S

Packaging

5 ltr, 10 ltr

Safety information – Transport – Handling and storage - Waste

Consult the most recent and product-related safety information sheet from Rewah in compliance with the (EU) 453/2010 annex II/A guidelines. The information on the abovementioned safety information sheet has been drawn up with the greatest care and is based on the knowledge available at the date of issue. We accept no liability for damage or hindrance of any kind which could be caused by the use of the product concerned.

Transport and storage

Transport and store away from frost. Protect the product and its packaging against direct sunlight. Avoid storage at temperatures >30°C.

Storage life

2 years after manufacturing in the original closed packaging.

Considerations

The data included in this sheet, the application advices and other recommendations are based on extensive research and experience. They are however not binding also in relation to third party liability. They do not protect the customer against checking the products and directions for their suitability for the purpose. The characteristics and properties described are average values and analyses registered at 20°C, variances are tolerated. Our customer service will gladly answer your questions. The rewrite of this sheet replaces all previous sheets.