



## Technical Data Sheet

# ASOCRET-RS

**Art.-No. 2 05538**

## Rapid hardening Repair Mortar

### Properties:

ASOCRET-RS is a low shrinking mortar. For interior and exterior use without corroding substances. Good processability of the flexible, pasty and stable mortar. Can be applied in one coat for layer thicknesses of between 6 and 50 mm.

### Areas of application:

Application on horizontal concrete surfaces especially on heavily stressed industrial areas such as industrial flooring, parking facilities, ramps and other similar commercial areas.

### Technical Data:

Basis:	cement-bound mortar
Colour:	grey
Bulk density:	1.6 kg/dm <sup>3</sup>
Consumption RS-Mortar:	approx. 1.7 kg/m <sup>2</sup> /mm thickness
Consumption RS-Silt:	approx. 0.88 kg/m <sup>2</sup>
Water demand:	maximum of 0.8 l to 2.7 l of Water
Pot life:	approx. 15 to 30 mins. at +20° C ambient temp. with 65% relative air humidity.
Application/ substrate temp.:	+5° C up to +25° C
Packaging:	6 and 20 kg Plastic (PE) buckets
Storage:	In dry storage for 6 months in original, unopened containers. Use opened containers immediately.

### Surface preparation:

The surface must be free from dust, dirt or bond-breaking agents. Loose edge strips have to be removed. The substrate is to be moistened prior to application to maintain moisture when applying ASOCRET-RS. Border areas for repairing are to be chiselled out 10 mm deep. The repair area should always be moistened but avoid

puddle formations. Highest levels of the worked surface should be coated with minimum 6 mm of ASOCRET-RS.

### Product preparation:

Add ASOCRET-RS with approx. 0.6 l - 2.1 l clean water into a clean mixing container and pre-mix with a mechanical hand drill with agitator (approx. 300 - 700 rpm) until a lump free mass is achieved.

Add subsequently the remaining amount of water to the required consistency and mix further 2 to 3 mins. Before filling the mixed ASOCRET-RS the area of repair should be prepared with a partial amount. Add subsequently the required amount of mortar, close and level off the area with a finishing trowel. Do not mix more material than is required for handling within 15 minutes. Protect the freshly applied mortar from rapid drying out and keep moist for a period of at least 24 hours.

### Strengths\*):

	Compression strength	Bending tensile strength
after 1 hour	approx. 6 N/mm <sup>2</sup>	0.9 N/mm <sup>2</sup>
after 3 hours	approx. 35 N/mm <sup>2</sup>	7.0 N/mm <sup>2</sup>
after 24 hours	approx. 40 N/mm <sup>2</sup>	7.2 N/mm <sup>2</sup>
after 7 days	approx. 60 N/mm <sup>2</sup>	7.8 N/mm <sup>2</sup>
after 28 days	approx. 65 N/mm <sup>2</sup>	8.0 N/mm <sup>2</sup>

\*) the above mentioned values are based on average laboratory values at an ambient temp. of 20° C with 65% of relative air humidity.

### Important advice:

Protect areas not to be treated from the effects of ASOCRET-RS.

High temperatures shorten, lower temperatures increase the given pot life and curing time.

Please adhere to the valid EC safety data sheet.

GISCODE: ZP1