

# Technical Data Sheet



## Patching Compound Servoplan R 300 S

- sag resistant
- low tension
- quickly ready for traffic
- quickly ready for installation
- suitable for chair castors
- suitable over floor heating systems

### Properties and usage

Cement based, very low emission fill and patching compound with high polymer content for leveling steps, pedestals, holes and cracks and larger uneven areas of any thickness in screed, raw concrete floors and foundations. Do not use **Servoplan R 300 S** as final floor covering.

### Specifications

Add quartz sand for layers of 3/16" (5 mm) and more if used as a leveling compound.

Color	gray
Application	interior
Thickness	no limitation
Suitable for chair castors (according DIN EN 12 529)	min. 1/8" (2 mm) thickness
Coverage	approx. 1.6 kg/m <sup>2</sup> per mm thickness
Ratio of water	approx. 1.0 US gal./44 lbs powder approx. 4.0 l/20 kg powder
Aggregate	layers 3/16" (5 mm) and thicker: 14 lbs (6.4 kg) quartz sand per bag
Slake time	not necessary
Processing time*	approx. 15 - 20 minutes
Ready for traffic*	after approx. 30 minutes
Ready for installation*	after approx. 1 - 1,5 hours (3 - 4 hours under wood flooring)
Floor heating systems	suitable
Marked according to GefStoffV regulations	xi irritant
GISCODE	ZP 1 - low in chrome
EMICODE	EC 1 R according to GEV
Shelf life	store in a dry place for up to 6 months
*	* At 68 °F (+20 °C) and 65% relative humidity.

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Higher temperature and low humidity decreases,  
lower temperature and high humidity increases  
this value respectively.

## Substrate preparation

The substrate must comply with VOB Part C, DIN 18 365 as well as with all technical requirements and must be ready for installation. The surface must be sound and clean. Remove dirt, paint, oil, grease wax and other contamination which might act as a bondbreaker. Grind and prime calcium sulfate screed according to data sheet BEB. Depending on the type of substrate and the intended use prime the substrate with **Okamul HD 11**, **Okatmos® EG 20** or **Okapox GF**, and use **Servoplan R 300 S** as a product component together with other Kiesel floor installation system products.

## Processing

Use clean water to mix **Servoplan R 300 S** smoothly with an electric mixer at approx. 600 RPM. Apply with leveling trowel. Cut edges after approx. 20 - 30 min. or smoothen with moist leveling trowel if necessary. Add quartz sand (grain 0.4 - 1 mm) to **Servoplan R 300 S** when leveling large areas over 5 mm (3/16") layer thickness or use **Servoplan S 111** as an alternative.

Avoid direct sun exposure and draught during the curing process.

A test in a small area prior to application is recommended.

## Cleaning

Clean tools with water immediately after application.

## Note

The information is based on our experience and is to be regarded as general instructions. We cannot guarantee successful results since we do not have any influence on the conditions at the construction site and the proper processing. In any case a sample application is recommended before the installation.

## Packaging

Packaging  
54 x 44 lbs (20 kg) bags

Product Code  
80013

## Revised

11.06.08