

## Smooth Surface Self Leveling Compound Servoplan FS 101

- fine, smooth surface
- excellent self leveling properties
- low tension build up
- up to 3/16" (5mm) layer thickness

<b>Properties and usage</b>	Cement based leveling compound with high polymer content, excellent self leveling properties and an extra smooth surface for preparing ready-to-install substrates up to 3/16" (5 mm ) layer thickness for the immediate installation of floor coverings. Do not use as final load top or in moisture and wet areas.																																
<b>Specifications</b>	<table border="0"> <tr> <td>Color</td> <td>light grey</td> </tr> <tr> <td>Application</td> <td>interior</td> </tr> <tr> <td>Thickness</td> <td>up to 3/16" (5 mm) with tension free curing</td> </tr> <tr> <td>Suitable for chair castors (according DIN EN 12 529)</td> <td>min. 1/32" (1 mm) thickness</td> </tr> <tr> <td>Coverage</td> <td>approx. 60 sq. ft. per 44 lbs. (20 kg) bag for 1/8" thickness (approx. 1.2 kg/m<sup>2</sup> per mm thickness)</td> </tr> <tr> <td>Water ratio</td> <td>approx. 1.5 US gal./44 lbs powder approx. 5.5 l/20 kg powder</td> </tr> <tr> <td>Slake time</td> <td>approx. 5 minutes (restir)</td> </tr> <tr> <td>Processing time*</td> <td>approx. 20 minutes</td> </tr> <tr> <td>Ready for traffic*</td> <td>after approx. 2 hours</td> </tr> <tr> <td>Ready for installation*</td> <td>up to 2 mm (5/64") thickness after. 12 hours up to 5 mm (3/16") thickness after. 24 hours</td> </tr> <tr> <td>Floor heating systems</td> <td>suitable</td> </tr> <tr> <td>Marked according to GefStoffV regulations</td> <td>irritant (contains portland cement)</td> </tr> <tr> <td>GISCODE</td> <td>ZP 1 - low in chrome according to TRGS 613</td> </tr> <tr> <td>EMICODE</td> <td>EC 1 R according to GEV</td> </tr> <tr> <td>Shelf life</td> <td>store in a dry place for up to 6 months</td> </tr> <tr> <td>*</td> <td>* At 68 °F (+20 °C ) and 65% relative humidity. Higher temperature and low humidity decreases, lower temperature and high humidity increases this value respectively.</td> </tr> </table>	Color	light grey	Application	interior	Thickness	up to 3/16" (5 mm) with tension free curing	Suitable for chair castors (according DIN EN 12 529)	min. 1/32" (1 mm) thickness	Coverage	approx. 60 sq. ft. per 44 lbs. (20 kg) bag for 1/8" thickness (approx. 1.2 kg/m <sup>2</sup> per mm thickness)	Water ratio	approx. 1.5 US gal./44 lbs powder approx. 5.5 l/20 kg powder	Slake time	approx. 5 minutes (restir)	Processing time*	approx. 20 minutes	Ready for traffic*	after approx. 2 hours	Ready for installation*	up to 2 mm (5/64") thickness after. 12 hours up to 5 mm (3/16") thickness after. 24 hours	Floor heating systems	suitable	Marked according to GefStoffV regulations	irritant (contains portland cement)	GISCODE	ZP 1 - low in chrome according to TRGS 613	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. Higher temperature and low humidity decreases, lower temperature and high humidity increases this value respectively.
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<b>Substrate preparation</b>	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 <b>Okamul HD 11</b> , <b>Okatmos® EG 20</b> or <b>Okapox GF</b> , and use <b>Servoplan SF 101</b> as a product component together with other Kiesel floor installation system products.																																
<b>Processing</b>	Use clean water to mix <b>Servoplan SF 101</b> smoothly with an electric mixer at approx. 600 RPM. Allow mixture to slake for approx. 5 minutes and stir again. Apply leveling compound with a leveling trowel or rake. If necessary, a second layer application can follow wet on wet immediately after the substrate is ready for traffic. Otherwise re-prime with <b>Okamul HD 11</b> or <b>Okatmos® EG 20</b> diluted 1:3 with water. Avoid direct sun exposure and draught during the curing process. A test in a small area prior to application is recommended.																																
<b>Cleaning</b>	Clean tools with water immediately after application.																																
<b>Note</b>	The information is based on our experience and is to be regarded as general																																

# Technical Data Sheet



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  
27.02.07

Product Code  
42028

## Revised