

Fast Setting Self Leveling Compound for Wood Substrates Servoplan S 444

- excellent final strength
- flexible
- reinforced with quality fiber
- excellent self leveling properties
- quick curing
- 1/8" - 9/16" (3 - 15 mm) layer thickness

Properties and usage

Cement based, fiber reinforced, special self leveling compound with high quality polymer additive. Designed especially for leveling over wood substrates. **Servoplan S 444** cures quickly, is highly flexible, has low tension characteristics and distributes well.

Can be used under wood flooring in a minimum thickness of 1/8" (3 mm).
Can be used as final load top in a minimum thickness of 3/16" (5 mm).

Specifications

Color	gray, with fibers
Application	interior floors
Thickness	1/8" - 9/16" (3 - 15 mm) under wood flooring: 1/8" - 3/8" (3 - 10 mm) as final load top: minimum 3/16" (5 mm) if applied on Okaphone: min 3/16" (5 mm)
Suitable for chair castors (according DIN EN 12 529)	min. 1/8" (3 mm) thickness
Coverage	approx. 60 sq. ft. per 44 lbs. (20 kg) bag for 1/8" thickness approx. 1.2 kg/m ² per mm thickness
Application temperature*	41°F to 77°F (+5°C to +25°C) (substrate)
Water ratio	approx. 1.2 US gal./44 lbs powder (approx. 4.4-4.6 l/20 kg powder)
Slake time	approx. 5 minutes (restir)
Processing time*	approx. 20 minutes
Ready for traffic*	depending on thickness after approx. 1-2 hours
Ready for installation*	depending on thickness and covering material ceramic tiles after approx 1-2 hours textile, vinyl, rubber flooring approx. 4 hours linoleum, cork, wood flooring approx. 12 hours coatings, paint approx. 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.

Substrate preparation

The wooden boards must be well attached, cannot move against each other and may need to be re-tightened. Heavy loads may cause sagging which can lead to cracking of

Technical Data Sheet



	<p>hard coverings (e.g. ceramic tile). Remove old paint, cut-back and glue residue. Clean floor, sand if necessary and fill joints with Oka Cryl. Prime the clean and dry wood floor with Okatmos® EG 20 and allow to dry for at least 24 hours. Prime with Okapox GF if higher thickness is necessary. For installation on load bearing, clean, non-absorbing surfaces like ceramic tiles, terrazzo, asphalt mastic screed and for installation on wood substrates no priming is necessary. Install edge insulators or base boards with vent holes to provide wood floor ventilation. Please note: Even by using high quality primers and leveling compounds, wood substrates are not dimensional stable, especially wood planks. If Servoplan S 444 is used as a final load top or if installed in below level environments, two crosswise applications of epoxy-primer Okapox GF are necessary. Use clean water to mix Servoplan S 444 smoothly with an electric mixer at approx. 600 RPM. Allow mixture to sit for approx. 5 min. and stir again. If used as final load top, apply in a minimum thickness of 3/16" (5 mm), for installation on mastic asphalt screed or wood substrate maintain a maximum thickness of 3/8" (10 mm). When installing ceramic tiles and natural stone, it might be advisable to install Okaphone 9 as tension reducing layer. If used as final load top, color variations might occur due to the nature of the cement product. If the surface is not sealed, stains cannot be removed. Additional leveling can be performed wet in wet right after it is possible to walk on Servoplan S 444. If Servoplan S 444 has cured, additional priming with Okamul GG, Okamul HD 11, Okatmos EG 20 or Okatmos UG 30. Avoid direct sun exposure and draught during the curing process. In case of doubt, test in small area.</p>				
Processing	<p>Clean tools with water immediately after application.</p>				
Cleaning					
Note	<p>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.</p>				
Packaging	<table><tr><td>Packaging</td><td>Product Code</td></tr><tr><td>54 x 44 lbs. (20 kg) paper bags</td><td>42037</td></tr></table>	Packaging	Product Code	54 x 44 lbs. (20 kg) paper bags	42037
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