Servoplan Ki 300

Fast-Setting Repair and Patching Compound

- Rapid Performance: Fast-setting formula ensures efficient patching and repair
- Feather-Smooth Finish: Fine powder consistency allows for seamless feathered edges and a smooth surface
- Flexible Application: No minimum or maximum layer thickness restrictions
- Low-Tension Formula: Reduces internal stresses for enhanced durability and substrate protection
- Versatile compatibility: Suitable under all types of floor coverings, including hardwood
- Moisture Control Option: Can be paired with Okamul RSG Plus to serve as a moisture barrier on cement based substrate
- Low-Emission Certified: EMICODE EC 1Plus classification ensures very low VOC emissions, supporting healthy indoor air quality
- VOC - 0.0 g/l

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DESCRIPTION

Servoplan Ki 300 is a very fast-drying, ready-to-use, cementitious, acrylic polymer- modified, low-emission filler and repair compound. Engineered for interior use only, it offers outstanding performance in a variety of surface preparation applications.

Recommended Uses:

- Leveling stair treads and landings
- Filling holes, depressions, and surface irregularities
- Creating slopes and gradients
- Applicable in all layer thicknesses—no maximum limitations

Compatible Substrates:

- Cement and calcium sulfate screeds
- Concrete and precast screeds
- OSB/Plywood that is structurally sound and secure
- Ceramic, terrazzo, and natural stone coverings

Important: Not intended for use as a finished wearing surface or as a replacement for structural waterproofing.

SUBSTRATE PREPARATION

Proper substrate preparation is essential for achieving optimal results with **Servoplan Ki 300.**

Substrate Requirements:

- Structurally sound – stable with no deflection or movement
- Clean – free from dust, oil, grease, wax, curing compounds, and other contaminants
- Dry – ensure moisture levels are within the acceptable range for the chosen floor covering and system

Recommended Primers (based on substrate type):

- **Okatmos® DSG** – for dense, smooth, or low-porosity surfaces
- **Okapox GF** – for critical substrates requiring enhanced bonding and moisture resistance
- **Okatmos® EG 20** – for general-purpose use on absorbent and non-absorbent substrates.

Always refer to the relevant Kiesel primer technical data sheet to confirm suitability based on substrate type and jobsite conditions.

PROCESSING

1. Mixing Ratio
a) Add 5.0–5.5 liters of clean, cool water per 25 kg bag of **Servoplan Ki 300**

2. Mixing Procedure
a) Mix thoroughly (max. 600 rpm)
b) Stir until a homogeneous, lump-free consistency is achieved
c) Only prepare as much material as can be applied within the pot life

3. Pot Life
a) Approximately 15–20 minutes
b) Re-mixing during this window can extend working time

4. Working Time
a) Begin finishing, smoothing, and edge cutting after 20–30 minutes from application
b) Do not add more water once the compound begins to set

Note: Ambient temperature and relative humidity can significantly affect working and drying times - higher temperatures and lower humidity accelerate them, while lower temperatures and higher humidity cause delays.

SPECIFICATIONS

Color	Grey
Application	Interior only
Thickness of the application	Unlimited
Chair caster suitability	From 1 mm (per DIN EN 12529)
Processing time*	Approx. 15–20 minutes
Readiness for covering	Approx. 1 hour
Floor heating system	Suitable
GISCODE	ZP 1 (low in chromate, per TRGS 613)
EMICODE	EC 1^{Plus} (very low emission, per GEV)
VOC-marking	0,0 g/L
Storage	12 months (in dry conditions, unopened packaging)

* At 20 °C (68 °F) and 65% relative humidity. Actual times may vary with environmental conditions.

IMPORTANT NOTICE

- Avoid exposure to direct sunlight and drafts during the drying process.
- Do not mix with other leveling or patching compounds.
- Due to varying site conditions and substrate types, always conduct preliminary suitability testing before full-

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scale application.

COVERAGE

Coverage Reference – Per 25 kg Bag

Application Thickness	Coverage (m^2)	Coverage (ft^2)
1 mm	Approx. 16.7 m^2	Approx. 179 ft^2
2 mm	Approx. 8.3 m^2	Approx. 89 ft^2
3 mm	Approx. 5.6 m^2	Approx. 60 ft^2
5 mm	Approx. 3.3 m^2	Approx. 36 ft^2

Estimates based on 1.5 kg/m^2 per 1 mm thickness.

Calculated at +20 °C (c8 °F) and c5% relative humidity. Actual coverage may vary depending on substrate texture and application method.

CLEANING

Immediately clean all tools and surfaces with water after use to prevent material buildup.

PACKAGING

Description	Item No.	
42 x 25 kg (55 lbs) paper bags	42063	4015705420639

The aforementioned information, especially the proposals for processing and utilizing our product, is based on our knowledge and experience. We recommend that you carry out your own tests in every case to ensure the suitability of our products for the intended process and processing purposes because of the different materials and the working conditions which lie beyond our area of influence. No liability can be derived from this advice or from verbal advice, unless we are responsible for (criminal) intent or gross negligence in this respect.

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