

Extended Coverage Flexible Thin Set Mortar

Servolight

- new mortar generation
- up to 30 % increased coverage than standard thin set
- for all approved substrates and covering materials
- improved flexural strength
- non sag mortar for large format tile
- neutral mortar color
- easy application
- excellent non-sag characteristics
- interior and exterior applications



Product Description

New generation of cement-based flexible thin set mortar with extended coverage, excellent bonding strength and easy handling according to EN 12 004 C2 TE-S1. For almost all substrates in interior and exterior applications. For almost all covering materials, including ceramic and quarry tile installations, porcelain stoneware, porcelain and glass mosaic, clinker and brick tile. Because of its high polymer content the adhesive can also be used over substrates such as in situ concrete (at least 3 months old), prefabricated concrete elements, gypsum fiber board, sheet rock, heated screed (follow corresponding regulations and data sheets), poured mastic asphalt and autoclaved aerated concrete (AAC) as well as balconies, patios and exterior walls. Servolight can also be used for under water installations (swimming pools), even of glass mosaic and can be used to fill holes and level substrates up to ¾" (15 mm) thickness.

Meets and exceeds german industrial standard for flexible tile adhesive „Richtlinie für Flexmörtel“ and ANSI A 118.4.

Substrate preparation

The substrate must be ready for installation, dry, clean and load bearing. If installation occurs on shrinking substrates frequent expansion joints should be included in the layout. In exterior areas apply a contact layer of adhesive mortar and let it set. Prime absorbent substrates in interior areas with *Okamul GG* or **Okatmos® UG 30**. Allow drying time of at least 24 hours over calcium sulfate screed or prime with **Okamul PU-V schnell**. Clean non-absorbent substrates like Terrazzo, ceramic tiles or existing sound and load bearing PVC-coverings with Grundreiniger, grind and clean with heavy duty vacuum cleaner. Then prime with **Okatmos® UG 30/Okamul PU-V schnell**. Metal surfaces like steel, galvanized steel or aluminum in interior applications have to be form stable (no vibration or flexural stress) and rust free. Remove and grease with acetone and prime with **Okatmos® UG 30**. Wood substrates have to be dry (moisture content less than 10 %) and thoroughly fixed to the substrate (minimum spacing between screws 15" (40 cm)). Minimum thickness on floors 1" (25 mm), ¾" (19 mm) on walls. Tongue and groove have to be glued. Allow particle board primed with **Okatmos® UG 30** to dry for at least 24 hours.

Kiesel Bauchemie GmbH u. Co. KG
 Wolf-Hirth-Straße 2
 D-73730 Esslingen
 Telefon: 0711 93134-0
 Telefax: 0711 93134-140
 www.kiesel.com

Niederlassung:
 D-39590 Tangermünde
 Telefon: 03 93 22 95-0
 Geschäftsführung:
 Wolfgang Kiesel
 Dr. Matthias Hirsch

Persönlich haft. Gesellschafterin:
 Kiesel Verwaltungsges. mbH
 Amtsgericht Stuttgart HRB 210484
 Sitz der Gesellschaft:
 73730 Esslingen
 Amtsgericht Stuttgart HRA 210806



Processing

Mix Servolight with clean water to a smooth texture. If necessary, adjust mortar consistency by adding small quantities of water. Allow mixture to slake for approx. 5 minutes and stir again. Use appropriate notched trowel (see table) to apply mortar onto substrate, slide the covering material into the adhesive bed within 30 minutes and press tightly. Depending on the absorbency of the substrate/covering corrections can be made within 25 minutes.

Coverage

Coverage depends on substrate condition and other factors.

maximum tile dimensions	square notched trowel size	coverage (powder)
up to 2" (< 50 mm)	1/8" x 1/8" x 1/8" notch #E3 (3 mm)	230 sqft. per bag (approx. 0,7 kg/m ²)
2 - 4" (51-108 mm)	3/16" x 3/16" x 3/16" notch #E4 (4 mm)	180 sqft. per bag (approx. 0,9 kg/m ²)
4 - 8" (109 - 200 mm)	¼" x ¼" x ¼" NTCA G3 (6 mm)	124 sqft. per bag (approx. 1,3 kg/m ²)
over 8" (> 200 mm)	5/16" x 5/16" x 5/16" or equivalent or larger (min. 8 mm)	90 sqft. per bag (approx. 1,8 kg/m ²)

Coverage is approximate and is given for estimating purposes only. It may vary according to substrate conditions and other factors.

Cleaning

Clean tools and tile surface immediately with water.

Packaging

Packaging	Item no.
54 x 15 kg Papiersäcke	13096

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.

Revised: 19.03.2012/lo