



SuperTec

Servolight

Extended coverage highly flexible,
light weight thin-set mortar

- For interior and exterior application – freeze/thaw stable
- Ideal for installations of large format tiles on walls
- Superior non-sag characteristic, exceeding industry standards
- New mortar lightweight generation with easy trowel technology and extended bucket time
- For all approved substrates and covering materials
- Improved flexural strength
- Excellent-sag characteristics for large format tile exceeding industry standards
- Neutral light grey mortar color
- Interior and exterior and submergible applications
- Extended coverage; minimum 30 % more than a standard 50 lbs bag
- Self-curing
- Post-consumer recycled content
- Real multipurpose properties
- SuperTec-technology for dense mortar matrix

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DESCRIPTION

A new generation of cement-based flexible, acrylic polymer, thin-set mortar with extended coverage, excellent bonding strength and easy handling according to EN 12 004 C2 TE-S1 and ANSI A 118.4. For almost all substrates in interior and exterior and submergible 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 fiberboard, sheetrock, 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 underwater installations (swimming pools), even of glass mosaic and can be used to fill holes and level substrates up to $\frac{3}{4}$ " (15 mm) thickness.

SUBSTRATE PREPARATION

The substrate must be sound, clean and stable. Prime absorbent surfaces with **Okatmos® DSG** or **Okatmos® UG 30** indoors. Prime calcium sulphate screeds with **Okatmos® DSG** or **Okapox GF** when exciding mortar thickness over 5 mm / 3/16".

Expansion joints shall be provided through the tile work from all construction or expansion joints in the substrate. Follow recent TTMAC and ANSI specification A108.01-3.7 "Requirements for Movement Joints: Preparations by Other Trades" or Tile Council of North America (TCNA) detail EJ-171 "Movement Joints— Vertical & Horizontal." Do not cover expansion joints with mortar.

Thoroughly clean non-absorbent substrates, e.g. Terrazzo, old ceramic coverings with an alkaline basic cleaner, allow to dry and prime with **Okatmos® DSG** or **Okatmos® UG 30***.

Thoroughly clean old, firmly adhering homogeneous VCT coverings in a dry indoor area with an alkaline basic cleaner, allow to dry, sand and vacuum with an industrial vacuum cleaner.

Then prime with **Okatmos® UG 30** or **Okatmos® DSG**. Check local building laws/recommendations when dealing with asbestos-based VCT. Follow additional installation and floor preparation guidelines located in the latest TTMAC and TCNA installation manuals.

PROCESSING

Mix **Servolight** with clean, cool water to a smooth texture using a proper amount of water. If necessary, adjust mortar consistency by adding small quantities of water. Allow mixture to slake for approx. 5 minutes and mix again. Use appropriate notched trowel (see table) to apply mortar onto a 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.

SPECIFICATIONS

Color	Light grey
Compliance	C2 TE-S1 and ANSI A 118.4
VOC	0.0 g/L
Recycle content	Yes
Application	Interior, exterior and underwater, walls and floors **
Thickness	Max. 9/16" (15 mm)
Application temperature	41 °F to 77 °F (+5 °C to +25 °C) (substrate)
Temperature tolerance	-4 °F to 176 °F (-20 °C to +80 °C)
Water demand	Approx. 2.1 U.S. gals./15 kg bag (approx. 8.0 l/15 kg powder) Approx. 1.8 U.S. gals./12,5 kg bag (approx. 6.8 l/12,5 kg powder)
Slake time	Approx. 5 minutes (re-mix)
Processing time*	Approx. 3 hours
Open time (working)	Approx. 30 minutes
Walkable after grouting*	After approx. 12 hours
Antimicrobial technology	Yes
EMICODE	EC 1 ^{Plus} (GEV)
GISCODE	ZP 1 - low in chrome TRGS 613
Storage	Approx. 15 months in a dry area, unopened packaging

* At 68 °F (+20 °C) and 65 % relative humidity. Higher temperature and low humidity decreases, lower temperature and high humidity increases this value respectively.

** Avoid air entrapment during exterior installations. Apply mortar on substrate and backside of tiles (Back-buttering procedure).

COVERAGE

Coverage per 12.5 kg (27.56 lbs) bag:

Trowel size	Coverage (kg/m ²)	Coverage (m ² /bag)	Coverage per bag (sq. ft.)
1/8" x 1/8" x 1/8" (3 mm)	0.7	18	192
1/4" x 1/4" x 1/4" (6 mm)	1.3	10	104

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3/8" x 3/8" x 3/8" (10 mm)	2.6	7	65
1/2" x 1/2" x 1/2" (12 mm)	~3	5	52

Coverage per 15 kg (33.07 lbs) bag:

Trowel size	Coverage (kg/m ²)	Coverage (m ² /bag)	Coverage per bag (sq. ft.)
1/8" x 1/8" x 1/8" (3 mm)	0.7	22	231
1/4" x 1/4" x 1/4" (6 mm)	1.3	12	124
3/8" x 3/8" x 3/8" (10 mm)	2.2	7	76
1/2" x 1/2" x 1/2" (12 mm)	~3	6	62

Coverage may vary based on substrate texture, porosity, and application technique.

CLEANING

Clean tools and tile surfaces immediately with water.

PACKAGING

Description	Item No.	
54 x 15 kg/ 33 lbs paper bags (CAD only)	80010	
72 x 12.5 kg/ 27.5 lbs paper bags (USA only)	80344	

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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