

DATASHEET

Servolight S2 SuperTec

Highly flexible, light-flex tile adhesive

- approx. 30% higher area coverage
- very high formability, flexibility according to EN 12 002 > 5 mm
- extremely light processing
- very high stability
- very high shear resistance
- excellent non-sag characteristics
- SuperTec-technology for dense mortar matrix



SuperTec

Ideal for
Okalift
SuperChange



PRODUCT DESCRIPTION

A stable, highly flexible cement thin bed mortar to lay ceramic tiles and plates, fine stoneware, porcelain mosaic in the interior, exterior and underwater areas according to EN 12 004 C2FTE-S2. Due to the very high plastic modification, **Servolight S2 SuperTec** is perfectly suited to bases with residual shrinkage such as in-situ concrete (at least 28 days old), but also to bases such as gypsum fiber-boards, plasterboards, heated screed based on cement or calcium sulphate (pay attention to the corresponding norms and instructions), poured asphalt screed and aerated concrete, as well as flat load-bearing wood chipboard (min. V 100) and OSB boards in dry applications. Suitable for use on balconies, patios and on facades as well as for installation of glass mosaics in underwater applications. Also suitable to compensate for any unevenness in the surface (such as masonry, plaster and screed) up to a layer thickness of 15 mm before tile installation.

Fulfills the "directive for flex mortar" and the requirements for S2 according to EN 12 002.

SUBSTRATE PREPARATION

The substrate must be ready to be coated, clean and have the right load-bearing capacity. Restrict the segment sizes by using movement joints when installing on substrates that may shrink. Apply a preparation coat to absorbent bases in indoor areas with **Okatmos® GGS** or **Okatmos® UG 30**. Maintain a drying period of at least 24 hours on calcium sulphate coatings. If layer thicknesses above 5 mm are required on calcium sulphate, prepare with the epoxy resin primer, **Okapox GF**, or compensate any unevenness by applying **Servolight S2 SuperTec** and leaving it to dry. The maximum layer thickness is generally 5 mm for poured asphalt screed.

Substrates that are not absorbable, such as terrazzo, thoroughly clean the old ceramic coatings with base cleaner, leave them to dry and then apply the **Okatmos® UG 30** primer.

Thoroughly clean any old, firmly adhering homogenous PVC coatings in dry interior areas with a base cleaner and leave them to dry, use sand paper and scarify the surface and then vacuum with an industrial vacuum cleaner. Then apply the **Okatmos® UG 30** primer.

Metal substrates such as steel, galvanized sheeting and aluminum in dry interior areas must be sturdy (no bending or shrinkage), free of rust and degreased with acetone before installation. Then apply the **Okatmos® UG 30** primer.

Wooden chipboards must be dry (wood moisture $\leq 10\%$). The minimum thickness on the floor is 25 mm and 19 mm on the wall. They must be screwed tight to the base construction (maximum screw distance of 40 cm); the nut and spring must be glued. Apply the **Okatmos® UG 30** primer to the wooden chipboards and allow a drying time of at least 24 hours.

Apply a contact layer with adhesive mortar in outdoor areas. Produce a min. 2 mm thick smooth skim coat across the whole surface on cleaned old ceramic coatings in the outdoor area. Apply the coating to this filler layer once it is ready to be walked on.

PROCESSING

Mix **Servolight S2 SuperTec** into a smooth mixture with clean water. Stir once again after approximately 5 minutes development time. If necessary, adjust the mortar viscosity by slightly changing the amount of water added. Apply a first contact layer with the smooth side of a comb spatula. Then apply **Servolight S2 SuperTec** to the surface with the corresponding trowel (see table) and press tile firmly in to the thinset within the below mentioned working time. Depending on the absorption of the base/coating, this can still be corrected within approx. 25 minutes.



SPECIFICATIONS

Color	grey
Application	interior, exterior **- and immerse, wet areas**, walls and floors
Thickness	max. 15 mm
Application temperature	41 °F - 77 °F (5 °C- 25 °C)
Temperature tolerance	-4 °F - - 176 °F (-20 °C - -115 °C)
Water demand	approx. 7.6l/15 kg, approx. 2.0 US gal./33 lbs. powder
Slack time	approx 5 minutes (restir)
Pot life*	approx 3 hours
Open time (working)	approx 30 minutes
Ready for grouting*	after approx 12 hours
GISCODE	ZP 1 - Low in chrome
EMICODE	EC1 ^{Plus} (GEV)
Storage	approx. 12 months in the dry area, unopened packaging

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

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

COVERAGE

Maximum tile dimensions	Square notched trowel size	Coverage (powder)
< 2"	1/8" x 1/8" x 1/8"	200 sq. ft. per bag
2 -4"	3/16" x 3/16" x 3/16" or equivalent	161 sq. ft. per bag
4 - 8"	1/4" x 1/4" x 1/4"	107 sq. ft per bag
>4"	5/16" x 5/16" x 5/16" or equivalent	90 sq. ft. per bag

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

54 x 15 kg paper bags

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: 07/15/2019/me-dj