

DATASHEET

Servoflex-Trio-schnell SuperTec

Fast setting, flexible full transfer thin set and medium bed mortar

- adjustable mortar consistency
- full mortar transfer
- excellent non sag characteristics for large and small format tiles
- rapid hardening development (can be exposed to final heavy commercial traffic after 24hrs*)
- extended working time
- no billowing of mortar through joints
- especially for moisture sensitive natural stone
- especially for large format covering
- superior bond strength
- excellent coverage, approx. 30% more
- can be used over heated screed, balconies and patios
- in compliance with EN 12 004 C2 FE-S1
- SuperTec-technology for dense mortar matrix
- self-curing characteristics



SuperTec

Ideal for
Okalift SuperChange



PRODUCT DESCRIPTION

Fast setting, flexible cement-based thin set and medium bed mortar with polymer additive for application layers of up to 20 mm for interior and exterior installations according to EN 12 004 C2 FE-S1

Servoflex-Trio-schnell SuperTec is especially formulated to provide full mortar transfer to avoid air entrapments between mortar and covering without the disadvantage of floating bed mortar billowing through joints.

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Servoflex-Trio-schnell SuperTec will hold heavy stone without sagging.

Servoflex-Trio-schnell SuperTec is especially suitable for Jura marble, Solnhofener limestone, crystallized marble and other moisture sensitive coverings. **Servoflex-Trio-schnell SuperTec** reduces the risk of dimensional changes, effluence and color changes. For installation on limited form stable substrates such as heated screed (please follow the respective regulations and data sheets), over situ concrete (at least 3 months old) and similar. By increasing the water content to approx. 1.5 US gal. (5.8 liters) per bag you yield a pourable floating bed mortar allowing an even installation without air pockets. Thus the buttering-floating technique does not apply here.

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. Prime absorbent substrates in interior areas with **Okatmos® DSG**, **Okatmos® GG** or **Okatmos® UG 30**. Allow a drying time of at least 24 hours over calcium sulfate screed. For layers thicker than 5 mm on calcium sulfate screed, prime with **Okapox GF** and level indents with **Servoflex-Trio-schnell SuperTec**. The maximum layer thickness on mastic screed is 1/4" (5 mm). Prime non-absorbent substrates with **Okatmos® UG 30** or **Okatmos® DSG**. In exterior areas apply a contact layer of adhesive mortar and let it set.

PROCESSING

Mix **Servoflex-Trio-schnell SuperTec** with clean water to a smooth texture. Allow mixture to slake for approx. 5 minutes and stir again. Uneven substrates can be leveled during the installation. In case of unevenness up to 3/4" (20 mm) apply a leveling coat with floating bed consistency and allow it to cure for at least 4 hours before starting the installation. Apply a non-porous coat of **Servoflex-Trio-schnell SuperTec** with a comb trowel onto the substrate, slide in the covering material within 30 minutes and press tightly.

Depending on the absorbency of the substrate/covering corrections can be made within 25 minutes.

SPECIFICATIONS

Color	grey
Application	interior, exterior and underwater, especially on floors
Thickness	max. 3/4" (20 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	stable consistency: approx. 1.2 US gal./44 lbs. powder (approx. 4.4 l/20 kg) floor consistency: approx. 1.5 US gal./44 lbs. powder (approx. 5.8 l/20 kg)
Slack time	approx. 5 minutes (remix)
Processing time*	approx. 1 hour
Open time (working)	approx. 30 minutes
Fully loadable*	after approx. 24 hours
Ready for grouting*	after approx. 4 hours
GISCODE	ZP 1 - low in chrome according to TRGS 613
Storage	store at a dry place for up to 6 months
<p>* at 68 °F (+20 °C) and 65% relative humidity. Higher temperature and low humidity decrease, lower temperature and high humidity increase this value respectively</p>	
<p>** Avoid air entrapment doing exterior installations. Apply mortar on substrate and the backside of tiles (buttering-floating procedure).</p>	
EMICODE	EC 1 ^{Plus} (GEV)

COVERAGE

square notched trowel 1/4" x 1/4" x 1/4" or equivalent (6 mm TKB C2)	approx. 134 sq. ft. per bag (1.6 kg/m ²)
square notched trowel 5/16" x 5/16" x 5/16" or equivalent (8 mm TKB C4)	approx. 93 sq. ft. per bag (2.3 kg/m ²)
square notched trowel 3/8" x 3/8" x 3/8" or equivalent (10 mm TKB C5)	approx. 76 sq. ft. per bag (2.8 kg/m ²)
medium bed trowel / NTCA G4 (3/4" x 9/16" x 3/8")(TKB M1)	approx. 58 sq. ft. per bag (3.7 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

Product description	Item no.	Item no.
54 x 44 lbs. (20 kg) paper bags grey	80001	4015705131016

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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