

Flexible Full Transfer Thin Set and Medium Bed Mortar

Servoflex-Trio-SuperTec



- adjustable mortar consistency
- rapid hardening development (can be exposed to final heavy commercial traffic after three days only *)
- up to 30% more coverage than standard mortar
- excellent non sag characteristics for large and small format tiles
- full mortar transfer (at 7L or 1.8 US gallons)
- no billowing of mortar through joints
- extended coverage
- for interior and exterior application
- reliable curing at low temperatures
- can also be used over heated screed, balconies and patios
- also for porcelain stoneware installations
- in compliance with EN 12 004 C2 FE-S1, ANSI A 1184.4
- real multipurpose properties
- white version available
- SuperTec-technology for dense mortar matrix
- Self-curing characteristics

Product Description

Flexible, acrylic polymer, cement-based thin set and medium bed mortar with polymer additive for application layers of up to 25/32" (20 mm) for interior and exterior installations according to EN 12 004 C2 FE-S1.

Servoflex-Trio-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.

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

Servoflex-Trio-SuperTec is especially suitable for large modular ceramic tile installations, porcelain stoneware and natural stone coverings on limited form stable substrates such as heated screed (please follow the respective regulations and data sheets), in situ concrete (at least 3 months old) and similar. By increasing the water content to approx. 1.8 US gal. (7.0 liters) per bag you yield a pourable floating bed mortar allowing an even installation without air pockets. Thus the back buttering-floating technique does not apply here. **Servoflex-Trio-SuperTec** will hold heavy stone, large tiles without sagging. Heated floors can be operational after three days only * (please follow local and manufacturer specifications).

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Substrate preparation

The substrate must be ready for installation, dry, clean and structurally load bearing. If installation occurs on shrinking substrates frequent expansion joints should be included in the layout. Prime absorbent substrates in interior areas with **Okamul 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-SuperTec**. The maximum layer thickness on mastic screed is ¼" (5 mm). Prime non-absorbent substrates with **Okatmos UG 30**. In exterior areas apply a contact layer of adhesive mortar and let it set.

Processing

Mix **Servoflex-Trio-SuperTec** with cold, clean water to a smooth texture. Allow mixture to slake for approx. 5 minutes and remix again. Uneven substrates can be levelled during the installation. In case of unevenness up to ¾" (20 mm) apply a levelling coat with floating bed consistency and allow it to cure for at least 24 hours before starting the installation. Apply a non-porous coat of Servoflex-Trio-SuperTec with an appropriate sized trowel onto the substrate, slide in the covering material within 25 minutes and press tightly. Depending on the absorbency of the substrate/covering corrections can be made within 25 minutes.

Specifications

Color	grey, white
Application	interior, exterior and submerged environment** especially on floors
thickness of the application	max. ¾" ft (20 mm)
Application temperature	41°F - 77°F (substrate) 5°C - 25°C
Temperature tolerance	-4°F - 176°F / -20°C - 80°C
water demand	Stable consistency: approx. 1.5 US gal./44 lbs. powder (approx. 5.6l/20 kg) Floor consistency: approx. 1.8US gal./44 lbs. powder (approx. 7.0/20 kg)
Slake time	approx. 5 min. (restire)
processing time*	approx. 3 h
working *	approx. 30 min.
fully loadable *	after approx. 3 days
walkable * / ready for grouting *	after approx. 12 hours
GISCODE	ZP 1 - low in chrome TRGS 613
EMICODE	EC 1R ^{Plus}
storage	approx. 12 months in 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 doing exterior and underwater installations. Apply mortar on substrate and backside of tiles (buttering-floating)

Coverage

	coverage (powder)
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

Packaging	Item no.
54 x 44 lbs. (20 kg) paper bags, grey	13031
54 x 44 lbs. (20 kg) paper bags, white	13032

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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