

## DATASHEET

### ServoStar® 2000 Plus Flex

#### Flexible thinset mortar

- for large format tiles
- for porcelain tiles
- for interior and exterior installations
- extended coverage
- extended installation time
- excellent non-sag properties
- up to 10 mm mortar thickness
- very low emission



Ideal for  
**Okalift  
SuperChange**



## PRODUCT DESCRIPTION

Sag resistant, flexible, cement-based thin set mortar for interior and exterior ceramic and quarry tile installations, porcelain stoneware, porcelain and glass mosaic, clinker and brick tile over load bearing substrates such as in situ concrete (at least 6 months old) and gypsum fiber board, sheet rock, heated screed (please follow corresponding regulations and data sheets), poured mastic asphalt, autoclaved aerated concrete (AAC) as well as balconies and patios.

## 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® GGS** 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 **Okamul PU-V schnell** or **Okapox GF**. The maximum layer thickness on mastic screed is 5 mm (1/4"). Prime non-absorbent substrates with **Okatmos® UG 30** and clean prior with **Okamul GR**. In exterior areas apply a contact layer of adhesive mortar and let it set. If installing over existing tiles use waterproofing membrane such as: **Servoflex DMS 1K Plus SuperTec**.



## PROCESSING

Mix **ServoStar® 2000 Plus Flex** clean, cool water to a smooth texture. Allow mixture to slake for approx. 5 minutes and stir again. Apply **ServoStar® 2000 Plus Flex** with a required size trowels (see the table) onto the substrate, slide in the covering material within 30 minutes and press tightly. When installing large format tile on exterior applications back-buttering method must be present.

## SPECIFICATIONS

Color	grey
Application	interior, exterior**, walls and floors
Thickness	max. 10 mm / 3/8"
Application temperature	+5 °C to +25 °C (substrate) (41 °F to 77 °F)
Temperature tolerance	-20 °C to +80 °C (-4 °F to 176 °F)
Water demand	approx. 8,0 - 9,0 Liter/25 kg powder approx. 2.11 Us gal. " 2.37 Us gal. per 55 lbs. bag
Slack time	approx. 5 Minutes (re-stir)
Processing time*	approx. 3 hours
Open time (working)	approx. 30 Minutes
Walkable* / ready for installation*	after approx. 12 hours
GISCODE	ZP 1 - low in chrome according TRGS 613
EMICODE	EC 1 <sup>Plus</sup> according to GEV
Storage	in sealed bag for 12 months in a dry place

\* At 68 °F (+20 °C) and 65% RH. Humidity. Higher temperatures reduce; lower temperatures increase the values accordingly.

\*\* on exterior application back-buttering method must be present



## COVERAGE

Tools and consumables in accordance with DIN 18 157, Part 1

Tile size	Tooth depth of the notched trowel	Consumption (powder)
to 50 mm	3 mm (TKB C3)	0,9 kg/m <sup>2</sup>
51 to 108 mm	4 mm (TKB C1)	1,2 kg/m <sup>2</sup>
109-200 mm	6 mm (TKB C2)	1,8 kg/m <sup>2</sup>
more than 200 mm	min. 8 mm (TKB C4 and larger)	2,3 kg/m <sup>2</sup>

Coverage depends on quality of the substrate

## CLEANING

Clean covering material and tools immediately with water.

## PACKAGING

42 x 25 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.

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