

DATASHEET

ServoStar® 1500 Flexible thinset

- indoor and outdoor
- porcelain tiles in indoor areas
- high-yield
- long working
- good strength
- very low-emissions



PRODUCT DESCRIPTION

Flexible and plastic-coated cemented thin-bed mortar in accordance with EN 12 004 C2 TE-S1 f for laying ceramic tiles and panels, porcelain tiles (internal), porcelain mosaics, clinker and brick tiles, as well as colour fade and deformation resistant natural stone coverings for internal and external use. For use on solid surfaces such as in situ concrete (min. 6 months old), gypsum fibreboard, plaster boards, heated screeds (in compliance with corresponding standards and data sheets), cast asphalt, porous concrete and balconies and terraces. Suitable for coating thicknesses up to 10 mm.

Meets "Flexible mortar guidelines", June 2001 version

SUBSTRATE PREPARATION

The underfloor must be dry, clean and stable. If laying on insecure substrates the area size must be limited by expansion joints. **In indoor areas**, pre-coat absorbent substrates with **Okatmos® GG**, **Okatmos® DSG**, **Okamol SP** or **Okatmos® UG 30**. Allow at least 24 hours to dry on calcium sulphate screeds, or use **Okatmos® DSG**.

When installing covering material with a surface of > 0.16 m² and an adhesive bed thickness of more than 5 mm on calcium sulphate screeds, prime using **Okatmos® DSG** or **Okapox GF**.

Outdoors, prime with **Okatmos® UG 30** or **Okatmos® DSG**. On old, horizontal floor coverings that have been cleaned with alkaline floor cleaner and primed with **Okatmos® UG 30** or **Okatmos® DSG**, always work in conjunction with a compound seal, such as **Servoflex DMS 1K-schnell SuperTec** or **Servoflex DMS 1K Plus SuperTec**.

PROCESSING

Mix **ServoStar® 1500** with clean water until smooth. Leave to stand for approx. 5 minutes and then mix again. Using the appropriate trowel (see table) spread the mixture onto the substrate and place and firmly press down the material being laid after no more than approx. 30 minutes. Depending on the absorbency of the substrate/coating, the laid material can be adjusted within approx. 25 minutes.

When used outdoors or in larger formats, the combined method (buttering-floating) should be followed.

SPECIFICATIONS

Color	grey
Application	inside and outside**, on walls and floors
Thickness of the application	max. 10 mm
Temperature tolerance	+5 °C to +25 °C (substrate)
Temperature tolerance	-20 °C bis +80 °C
Water demand	approx. 7.5 litres / 25 kg powder
Slack time	approx. 5 minutes (then mix once again)
Processing time*	approx. 2.5 hours
Open time (working)	approx. 30 minutes
Walkable* / ready for grouting*	absorptive substrates after approx. 12 hours Non-absorptive substrates after approx. 24 hours
GISCODE	ZP 1 - low in chromate, in accordance with TRGS 613
EMICODE	EC 1Plus in accordance with GEV
Storage	in closed original container approx. 12 months in dry rooms

* At +20 °C and 65 % rel. humidity Higher temperatures lower this value, and lower temperatures increases it correspondingly.

** Outdoors largely cavity-free laying is required (buttering-floating).

COVERAGE

Tooth depth of the notched trowel	Consumption (powder)
3 mm (TKB C3)	approx. 1,0 kg/m ²
4 mm (TKB C1)	approx. 1,2 kg/m ²
6 mm (TKB C2)	approx. 1,8 kg/m ²
8 mm (TKB C4)	approx. 2,4 kg/m ²
10 mm (TKB C5)	approx. 3,0 kg/m ²
per mm of coating thickness	approx. 1,2 kg/m ²

Consumption is dependent on substrate state amongst other things.

CLEANING

Surfaces and tools to be cleaned immediately with water.

PACKAGING

Product description	Item no.	Item no.
42 x 25 kg paper sack	13116	4015705131160

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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