

## DATASHEET

### Servoplan D 800

#### Thin screed

- self-leveling
- fast drying
- from 3-40 mm layer thickness in 1 work cycle
- pumpable
- suitable for underfloor heating



## PRODUCT DESCRIPTION

Polymer-modified, low-tension cement mortar for bonded levelling on bare concrete floors, screeds, terrazzo, tile and slab floors for interior layer thickness of 3-40 mm. Suitable for load-bearing, rigid and dimensionally stable surfaces as well as for water impact classes according to DIN 18534 W0-I, W1-I and W2-I in private bathrooms and hotel showers outside of the shower area in conjunction with a composite waterproofing system. By adding **Okamul 71**, **Servoplan D 800** is also suitable for use on mastic asphalt screeds of hardness class IC 10 as well as for filling in heating mats.

Suitable as a ready-to-lay substrate for all floor coverings and as a wear layer for normal use in conjunction with a paint or coating. If dense coatings are used, the substructure must remain permanently dry.

## SUBSTRATE PREPARATION

The substrate must be inspected and ready for installation in accordance with the respective regulations of the individual countries as well as the current state of technology. Substrates must be pre-treated in accordance with the current BEB datasheet ('Evaluation and Preparation of Substrates').

Depending on the type of substrate and subsequent use, apply **Okatmos® DSG**, **Okatmos® GGS**, **Okatmos® EG 20**, **Okatmos® UG 30**, **Bakit PV-Universal**, **Okamul PU-V schnell** or **Okapox GF** to ensure a proper system structure.

When using **Servoplan D 800** on calcium sulphate screeds in thickness of more than 10 mm, prime with **Okatmos® DSG**, **Okapox GF** or **Okamul PU-V schnell**.

## PROCESSING

Mix **Servoplan D 800** with clean water using an electric mixer at the maximum speed of 600 rpm until there are no lumps. To improve the spreading properties and surface appearance, we recommend a 3-minute maturing time. After that stir again. Then apply the thin screed with a smoothing trowel or squeegee and let it level.

**Servoplan D 800** can be stretched with quartz sand (grain size 0.6 - 1.2 mm) for layer thickness from 10 mm. On mastic asphalt (for layer thickness up to max. 10 mm) and when filling heating mats, **Servoplan D 800** must be coated with 1 litre of **Okamul 71** per 25 kg of powder.

Continuously operating screw or piston mixing pumps may be used for pumping. If work is interrupted, clean machines and hoses immediately.

Avoid direct sunlight and drafts during drying. Lay some screed as a practice, in case of doubt.

## SPECIFICATIONS

Color	grey	
Application	inside, on the floor	
Thickness	3 - 40 mm	
Application temperature	5°C to +25°C (substrate)	
Water demand	approx. 5.0 litres per 25 kg powder	
Aggregate	possible from 10 mm: 8 kg (grain size 0,6 - 1,2 mm) per 25 kg of powder	
Processing time*	approx. 30 minutes	
Ready for traffic*	after approx. 2 hours	
Ready for installation*	with floor coverings up to 10 mm layer thickness	after approx. 24 hours
	with floor coverings up to 20 mm layer thickness	after approx. 48 hours
	With floor coverings over 20 mm layer thickness	after approx. 72 hours
	with parquet floor covering	after approx. 72 hours
	with ceramic	after approx. 2 hours
	with natural stone	after approx. 24 h/10 mm layer thickness
Floor heating system	suitable	
GISCODE	ZP 1 - low in chromate, in accordance with TRGS 613	
EMICODE	EC 1 in accordance with GEV	
Storage	store in a dry place; can be stored for approx. 6 months	

\* At +20°C and 65% relative humidity. Higher temperatures lower these values and lower temperatures increase them correspondingly.

## COVERAGE

approx. 1.6 kg/m<sup>2</sup> per mm layer thickness

## CLEANING

Clean tools and machines immediately with water.

## PACKAGING

Product description	Item no.	Item no.
42 x 25 kg paper bags	42017	4015705420172

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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