

DATASHEET

Okatmos® star 100

Fast setting one side adhesive

- short ventilation time
- solvent free and very low emission
- universally applicable
- easy trowalable
- anti-microbial properties



PRODUCT DESCRIPTION

Solvent-free, very low emission multipurpose dispersion adhesive for a wide variety of flooring materials. Suitable for heterogeneous and homogeneous PVC-coverings, CV-coverings, rubber sheet goods and tiles up to 4 mm as well as textile coverings with latex-, PVC- or PUR-backing.

Okatmos® star 100 has been successfully tested as a system assembly with the insulator Valutect and meets the requirements regarding airborne and contaminated surfaces. **Okatmos® star 100** provides antimicrobial properties and prevents odours.

SUBSTRATE PREPARATION

The substrate must comply with VOB Part C, DIN 18 365, current data sheet BEB as well as with all technical requirements and must be ready for installation. The surface must be sound and clean. Remove dirt, paint, oil, grease wax and other contamination which might act as a bond breaker. Prepare all non-absorbent substrates with Kiesel suitable primers and level using Kiesel self-leveling compounds. Before installing vapor-tight coverings prepare substrate with self-levelling compound.

Okatmos® star 100 should be used as a product component together with other Kiesel floor installation system products.

PROCESSING

Stir **Okatmos® star 100** well.

Use appropriate notched trowel to apply the adhesive onto the substrate. Install covering after a drying time of 5 -15 minutes and roll down. Ensure a full area application on the back of the covering. Repress bulging areas after Technical Data Sheet approx. 30 - 60 minutes. Please follow the installation instructions of the flooring manufacturer, especially the directions for covering acclimation.

Weld joints no earlier than two days after the installation.

SPECIFICATIONS

Color	cream white
Application	interior
Suitable for chair castors (DIN EN 12529)	suitable (according to DIN EN 12 529)
Minimum floor temperature	+17 °C (63 °F)
Skin over time* / Tack time	approx. 5-15 minutes
Open time (working)	approx. 40 minutes (covering dependable)
Ready for traffic*	after approx. 24 hours
Final strength*	after approx. 72 hours
Floor heating system	suitable
GISCODE	D 1 according to TRGS 610
EMICODE	EC 1 according to GEV
Storage	store in frost protected area for up to 12 months

* At 68 °F (+20 °C) and 65% relative humidity.

Higher temperature and low humidity decreases, lower temperature and high humidity increases this value respectively.

COVERAGE

Trowel size	Type of covering	Coverage
TKB A2 / TKB A3	Rubber flooring of 2.0 - 4.0 mm homogeneous in rolls and tiles, heterogeneous PVC in sheets and tiles and CV floor coverings	approx. 280 - 300 g/m ²
TKB B1	Textile coverings with latex, PVC or PUR backing	approx. 350 - 400 g/m ²

Coverage is estimated by trial-application on **Servoplan S 111**. It may vary on different substrates and depends on application angle and manufacturer of trowel.

CLEANING

Clean tools with water immediately after application.

PACKAGING

Product description	Item no.	Item no.
60 x 6 kg plastic buckets	80059	4015705800592
33 x 15 kg plastic buckets	49073	4015705490731
33 x 18 kg plastic buckets	80172	4015705801728

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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