

Wet and pressure sensitive adhesive

Okatmos® star 100 Plus

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



Product Description

Solvent-free, very low emission wet and pressure sensitive 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.

Substrate preparation

The substrate must be tested and installation ready in accordance with VOB, Part C, DIN 18 365. BEB leaflet „Assessment and preparation of substrates“ as well as Instruction Sheet TKB-8.

Depending on the type of substrate, floor coverings and the requirements prime with: **Okamul HD 11**, **Okatmos® EG 20**, **Okatmos® DSG**, **Okamul PU-V schnell** or **Okapox GF**, and prepare with suitable Kiesel levelling compound. When installing vapor-tight floor coverings as well as over non-absorbent surfaces, apply these thick enough. The technical data sheets of the products used must be observed. Kiesel system products must be used

Processing

Stir **Okatmos® star 100 Plus** well. Use appropriate notched trowel to apply the adhesive onto the substrate. Install covering after a drying time of 5 -40 minutes and roll down. Ensure a full area application on the back of the covering. 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.

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Specifications

Color	cream white
Application	interior
Suitable for chair castors (DIN EN 12529)	suitable
Minimum floor temperature	+15 °C (59 °F)
Skin over time* / Tack time	approx. 5-40 minutes
Open time (working)	approx 5-120 minutes
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 ^{Plus}
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.

Important notices

- The floor coverings must be adequately relaxed, acclimatized, and adapted to the room climate for future use. Follow the corresponding information and notes from the floor covering manufacturers.
- Heavy rolling tension, protruding edges or padding, creases or crimped folds must be weighed during the installation until the adhesive has set.
- In case of high temperature loads, e.g. by solar irradiation in winter gardens or on window sills, under heavy mechanical stress by lifting trucks, floor conveyor vehicles or alike. As well top moisture excessive loads it is advisable to use Okamul PU or to contact Kiesel technical department.
- In case of standard floor covering, follow guidelines which generally accept rules of the subject and installation techniques, as well as the current standards and information sheets. In addition observe the following:
 - DIN 18365 „Floor coverings processes“
 - BEB-Technical data sheet „Assessment and preparation of subsoils“
 - TKB-Technical data sheet „Assessment and preparation of subfloors for flooring and parquet work“
 - TKB-Technical data sheet „Bonding of Elastomer Flooring“
 - TKB-Technical data sheet „Bonding of PVC floor coverings“
 - TKB Technical data sheet „Bonding of Linoleum Flooring“TKB-Technical data sheet „Bonding of textile floor coverings“

Coverage

Covering type	Trowel size	Coverage
CV-covering	TKB A2 TKB A5	250 - 300 g/m ² 200 - 250 g/m ²
PVC-covering Vinyl-covering Rubber-covering	TKB A2	250 - 300 g/m ²
Linoleum textile coverings	TKB B1	300 - 350 g/m ²

Cleaning

Clean tools with water immediately after application.

Packaging

Packaging	Item no.	EAN
33 x 14 kg plastic buckets	80219	4015705802190

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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