

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 (according to TRGS 610), very low-emission wet bed and pressure-sensitive adhesive for bonding, LVT, homogeneous and heterogeneous PVC flooring in strips and tile format, CV floor coverings, vinyl floor coverings, rubber saws up to 4.0 mm thick in sheeting and tile format, linoleum up to 3, 2 mm thickness as well as textile floor coverings. **Okatmos® star 100 Plus** can be used as wet bed and pressure sensitive adhesive as well as in the contact method (double-drop). **Okatmos® star 100 Plus** contributes to the prevention of odors with its antimicrobial properties.

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 Plus should be used as a product component together with other Kiesel floor installation system products.

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.

	Absorbent and leveled substrates	Dense, non-absorbent substrates	
	<i>Wet-bed Half-wet bed</i>	<i>Pressure sensitive</i>	<i>Contact method (double-drop method)</i>
Coverings	PVC floor coverings CV coverings Vinyl floor coverings Rubber sheet linoleum Textile floor coverings	PVC coverings CV coverings Wall coverings	PVC coverings CV coverings Wall coverings
Trowel size	TKB A2 TKB B1	TKB A5	TKB A5
Open time	5 - 30 minutes	30 - 40 minutes	10 - 15 minutes Reapply the covering 20 - 25 minutes cover again
Insertion time	20 - 40 minutes	50 - 120 minutes	35 - 40 minutes

Specifications

Color	cream white
Application	interior
Suitable for chair castors (DIN EN 12 529)	suitable
Minimum floor temperature	+ 15 °C/ 59 °F
Skin over time*	approx. 5-40 minutes
Open time (working)	approx. 40 minutes (covering dependable)
Ready for installation *	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 sufficiently relaxed, acclimatized, and adapted to the room climate for future use. The relevant information and instructions given by the manufacturer of the floor covering must be observed.

- Heavy rolling tension, protruding edges or padding, creases are to be weighed during the installation until the adhesive has set.
- In case of high temperature loads, e.g. By sun direct exposure in winter gardens or on window sills, when subjected to heavy mechanical loads by lifting trucks, floor conveyor vehicles or the like. As well as surface moisture condensation, it is preferable to use **Okamul PU** or to obtain additional application advice.
- In the case of floor covering, the generally accepted rules of the subject and the technique, as well as the current standards and information sheets, must be taken into account. In particular:
 - DIN 18365 "Flooring work"
 - BEB-guideline "Assessment and preparation of substrates"
 - TKB-guideline "Assessment and preparation of subfloors for flooring and parquet work"
 - TKB-guideline "Bonding of Elastomer Flooring"
 - TKB-guideline "Bonding of PVC floor coverings"
 - TKB guideline "Bonding of linoleum floor coverings"
 - TKB-guideline "Bonding of textile floor coverings"

Coverage

Covering type	Trowel size	Coverage
CV-covering	TKB A2	250 - 300 g/m ²
	TKB A5	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

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

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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