

Conductive multi-purpose adhesive

Okatmos® star 100 Plus-L

- conductive as per DIN EN 13415
- universal use
- very good processing properties
- sanitising
- extremely low emissions



Product Description

Solvent-free dispersion adhesive with very low emissions for conductively binding textile floor coverings (except needle felt coverings), homogeneous and heterogeneous PVC coverings in sheets and tiles, linoleum coverings up to 4 mm thick in sheets and tiles (not suitable for special rubber/special coverings). With its sanitising effect, **Okatmos® star 100 Plus-L** helps to prevent odours.

Substrate preparation

The substrate must be tested and ready for laying in accordance with VOB, Part C, DIN 18365 as well as the best available technology. Prepare the substrate pursuant to the current BEB data sheet, "Assessment and preparation of substrates", as well as data sheet TKB [_GoBack](#). Depending on the type of substrate, floor covering and load, prepare it for laying using suitable Kiesel primers/pre-coats and fillers. Depending on the requirements, if necessary a diagonal guiding bed can also be used with **Okamul HD 11-L**. The technical data sheets for the products used must be observed. The conductive system must be requested from the covering manufacturer. This system configuration must be guaranteed.

Processing

Stir **Okatmos® star 100 Plus-L** well before use. Then apply the adhesive to the substrate using the appropriate trowel. Replace the notched trowel provided when starting a new container. This guarantees even adhesive application and appropriate conductivity.

Depending on the conductive system, a minimum of 1 m long copper stripping must be laid with the adhesive layer for every 30 m² surface size and lead to an earth connection, or lay the copper strips wall to wall along and centrally under each tile or sheet row and connect them to one another with a wall distance of approximately 30 cm across. The copper stripping must be connected/earthed by an electrician in accordance with the VDE regulation.

Lay the floor covering without air pockets and rub carefully depending on the room climate, order quantity and absorbency of the substrate. Only apply as much adhesive as can be filled in the working time. Ensure that the backing of the covering is fully applied. Only fuse or seal the floor coverings 24 hours after laying. For floor covering with high roll tension, back roll the head end or covering edges not horizontally lying flat before laying. After 30 minutes, rub down or roll the surfaces again.

Particular attention should be paid to the laying instructions from the covering manufacturer, most notably the notes on conductive transfer and acclimatisation.

Not to be handled in intense, direct sunlight!

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Specifications

Color	cream
Application	indoors
Suitable for chair castors (DIN EN 12529)	suitable (in accordance with DIN EN 12529)
Minimum floor temperature	+15 °C (+59 °F)
Skin over time* / Tack time	approx. 10 - 30 minutes
Open time (working)	approx. 40 minutes
Ready for traffic*	after approx. 24 hours
Final strength*	after approx. 72 hours
Leakage resistance	< 3 x 10 ⁵ ohm (in accordance with DIN EN 13415)
GISCODE	D 1 in accordance with TRGS 610
EMICODE	EC 1 ^{Plus} in accordance with GEV
Storage	store in a frost-free place; can be stored for approx. 12 months
*	Relative humidity at 68 °F (+20 °C) and 65%. Higher temperatures and lower humidity reduce this value, while lower temperatures and higher humidity increase it.

Important notices

The floor coverings must be sufficiently relaxed and acclimatised prior to laying and matched to the present room climate for later use. The appropriate information and notes from the covering manufacturer must be observed.

High roll tensions, turned-up edges or warped coverings, creases or wrinkles should be weighed down during the laying process until the adhesive has set.

The generally recognised rules of the trade and technology as well as the relevant current standards and data sheets should be followed when laying the floor covering. This includes the following, in particular:

- DIN 18365 „Floor covering work“
- BEB data sheet „Assessing and preparing substrates“
- TKB data sheet „Assessing and preparing substrates for floor covering and parquet work“
- TKB data sheet „Adhering elastomer floor coverings“
- TKB data sheet „Adhering PVC floor coverings“
- TKB data sheet „Adhering linoleum floor coverings“
- TKB data sheet „Adhering textile floor coverings“

Coverage

Teeth	Type of covering	Use
Kiesel special tooth pattern F/L	<ul style="list-style-type: none"> Homogeneous and heterogeneous PVC coverings in sheets and tiles 	approx. 300 - 350 g/m ²
Kiesel special tooth pattern G/L	<ul style="list-style-type: none"> Linoleum Textile coverings 	approx. 450 - 500 g/m ²

Cleaning

Clean tools immediately with water.

Packaging

Packaging	Item no.	EAN
33 x 14 kg plastic containers	49087	4015705490878

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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