

## Conductive Premium Multipurpose Adhesive Okatmos® megaStar-L

- for conductive installation according to DIN 51 953 and DIN 53 279
- solvent free and very low emission
- promotes advanced Indoor-Air-Quality
- suitable for wide range of materials

### Properties and usage

Solvent-free, very low emission multipurpose dispersion adhesive for the conductive installation of appropriate conductive coverings like: carpets, needle-felt, heterogeneous and homogenous PVC-coverings, CV-coverings, rubber sheet goods and tiles up to 4 mm as well as linoleum.  
For advanced Indoor-Air-Quality. Prevents smell and stenches originating in microbial interactions between the floor covering and the application surface.

### Specifications

Color	cream white
Application	interior
Suitable for chair castors (according DIN EN 12 529)	suitable
Minimum substrate temperature	63 °F (+17 °C)
Ventilating time	approx. 5 - 15 minutes (according to covering material)
Open time*	approx. 20 minutes
Ready for traffic*	after approx. 24 hours
Final cure*	after approx. 72 hours
Marked according to GefStoffV regulations	no entry
GISCODE	D 1 according to TRGS 610
EMICODE	EC 1 according to GEV
Shelf life	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.

### Substrate preparation

The substrate must comply with VOB Part C, DIN 18 365 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 bondbreaker. Grind and prime calcium sulfate screed according to data sheet BEB. Prepare all non-absorbent substrates with self-leveling compound (minimum 3/32" (2 mm)), absorbent substrates as necessary.

**Okatmos® megaStar-L** should be used as a product component together with other Kiesel floor installation system products.

A conductive installation can be achieved by the application of the conductive leveling compound **Servoplan L 700** in a minimum thickness of 1/16" (1.5 mm).

### Processing

Stir **Okatmos® megaStar-L** well.

Apply onto substrate with appropriate trowel. After opening a new bucket replace the trowel blade with the new blade provided. This ensures an even layer of adhesive and sufficient conductivity. Lay out at least 3 ft. (1 m) of copper wire into the adhesive bed every 300 sq ft. (30 m<sup>2</sup>) and have an electrician connect it to the main ground of the building according to VDE regulations. Install the covering after a ventilating time of 5 -

# Technical Data Sheet



15 minutes and roll down carefully. Ensure a full area application on the back of the covering. Repress end pieces, stove bar marks and bulging areas after approx. 20 - 30 minutes.

**Please follow the installation instructions of the linoleum manufacturer, especially the directions for covering acclimation.**

Weld joints no earlier than two days after the installation.

Clean tools with water immediately after application.

## Cleaning

### Note

The information is based on our experience and is to be regarded as general instructions. We cannot guarantee successful results since we do not have any influence on the conditions at the construction site and the proper processing. In any case a sample application is recommended before the installation.

## Tools and coverage

Trowel	Flooring	Coverage
Kiesel Spezialzahnung F/L	homogeneous und heterogeneous PVC-covering rubber-flooring up to 4,0 mm	ca. 300-350 g/m <sup>2</sup>

Kiesel Spezialzahnung G/L	linoleum	ca. 450-500 g/m <sup>2</sup>
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Coverage depends a variety of factors e.g. substrate coarseness

## Packaging

Packaging	Product Code
32 x 3.40 US gal. (18 kg)	49055
plastic buckets	

## Revised

20.06.07