

DATASHEET

Okatmos® star 120

Powerful wet-bed adhesive

- fast initial tack
- easy to spread
- antimicrobial properties
- very low emission
- very high adhesion strength



PRODUCT DESCRIPTION

Solvent-free, very low emission wet-bed dispersion adhesive for installation of LVT coverings in plank and tile format, tension-free homogeneous/heterogeneous PVC/CV floor coverings and quartz vinyl floor tiles on absorbent substrates. For advanced Indoor-Air-Quality. Prevents smell and odors originating in microbial interactions between the floor covering and the application surface.

SUBSTRATE PREPARATION

The substrate must be inspected and ready for installation in accordance with the respective regulations of the individual countries as well as the current state of technology. Substrates must be pre-treated in accordance with the current BEB datasheet ('Evaluation and Preparation of Substrates').

Depending on the type of substrate, floor coverings and the requirements such as subsequent loading conditions, prepare substrate for laying using suitable Kiesel primers/pre-coats and self-leveling compounds. With non-absorptive substrates, apply a Kiesel leveling or patching compound to a minimum thickness of 2 mm. Technical datasheets of other Kiesel products used, must also be complied with. A system structure must be ensured.

PROCESSING

Stir **Okatmos® star 120** well before use. Then apply the adhesive to the substrate using a suitable trowel. After a waiting time of approx. 5-15 minutes, lay the covering ensuring that no air becomes entrapped, and rub thoroughly. Ensure that the rear side of the floor covering is sufficiently contacted with adhesive. Floor coverings must lie as flat and tension-free as possible prior to installation. Avoid buckling in joint areas and elements that project too far upwards. After laying, always rub or roll over surface a final time. Wait a minimum of 24 hours before performing joint seals or welding flooring joints. Always observe the laying instructions of the flooring manufacturer.

SPECIFICATIONS

Color	cream-white
VOC-marking	0.0 g/l
Application	interior
Suitable for chair castors (DIN EN 12529)	suitable (according to DIN EN 12529)
Minimum floor temperature	+17 °C (63 °F)
Waiting time*	approx. 5 - 15 minutes, depending on the covering which will be used
Working time*	approx. 30 minutes
Walkable*	after approx. 24 hours
Final strength*	after approx. 72 hours
Floor heating system	suitable
GISCODE	D 1 acc. to TRGS 610
EMICODE	EC 1 ^{Plus} in accordance with GEV
Storage	store in a frost-free area; can be stored for approx. 12 months

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

Values are correspondingly shorter at higher temperatures and lower air humidity and longer at lower temperatures and higher air humidity.

IMPORTANT NOTICE

- The floor coverings must be sufficiently free of tension, acclimatized, and must be adapted to the ambient room conditions prevailing in its subsequent use. Observe the relevant advice and information given by the floor covering manufacturers.
- Areas of flooring subject to strong roll tension, raised edges or warps, creases formed from folding or squashing must be weighed down during the installation until the adhesive has set.
- If exposed to strong temperatures, e.g. sunlight in a conservatory or on window fronts, if subjected to heavy mechanical stress from floor trucks or fork lifts etc., or if exposed to moisture from above, the use of Okamul PU would be preferable or seek application-technical advice.
- 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.

COVERAGE

Trowel Size	Type of covering	Coverage
TKB A2	LVT coverings in plank and tile format, homogeneous/heterogeneous PVC/CV floor coverings, Quartz vinyl floor tiles	Approx. 300-350 g/m ²
TKB A3	LVT coverings in plank and tile format, homogeneous/heterogeneous PVC/CV floor coverings, Quartz vinyl floor tiles	Approx. 300-350 g/m ²

The coverage depends, among other things, on the substrate properties and may vary with different levelling compounds, trowel manufacturers and processing methods.

CLEANING

Clean tools and any excess/unwanted adhesive immediately with water.

PACKAGING

Product description	Item no.	Item no.
33 x 14 kg plastic buckets	49076	4015705490762

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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