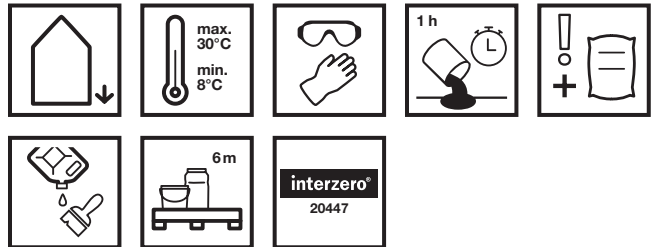




HADALAN® BM1K 32P

Polyurethane binder for natural stone and decorative quartz coverings



These pictograms apply to the **basic product**.
Deviations are possible depending on the area of application
and processing.

PRODUCT INFORMATION

Description

HADALAN® BM1K 32P is a 1-component, elastic and lightfast polyurethane resin. It cures with atmospheric moisture and forms a binder film with very good weather resistance and abrasion resistance.

Application

- for producing lightfast, viscoplastic, abrasion-resistant decorative coverings for balconies and terraces by mixing with natural stone or decorative quartz
- for the slip-resistant design of outdoor staircases and landings

Operational area

- Balcony and terrace areas
- Arcades, loggias
- Concrete and screed surfaces
- External staircases
- Plating

Place of use

- in outdoor areas
- in floor areas

Properties

- high elasticity
- breathable
- crack-bridging
- lightfast
- transparent



Technical Data

Available container sizes	5 kg/sheet metal bucket
Density	approx. 1.04 kg/l
Viscosity	approx. 45 dPa·s ¹⁾
Solids content	approx. 80 % by weight
Processing temperature	+8°C to +30°C
Processing time	approx. 60 minutes ¹⁾
Elongation at break	approx. 400 %
Tensile strength	> 8 N/mm ²
Cold fracture (25 mm mandrel)	< -40 °C
Storage	cool, 6 months
Consumption	approx. 7 wt.-% for HADALAN MST 89M approx. 0.15 kg/m ² as adhesive layer
¹⁾ At +20 °C and 60 % relative humidity	

SUBSTRATE

Properties/tests

- HADALAN® DS91 13P is used as a substrate for trowel-applied coatings.
- Before starting the coating work, the surface of the sealing layer must be dust-free and dry.

AREAS OF APPLICATION AND PROCESSING

Applying

- The desired color mixture of natural stones or decorative quartz is mixed with 6 – 8 % (depending on grain size) HADALAN BM1K 32P.
- For this purpose, the binder is intensively mixed with the grain using a slow-speed mixer and stirring paddle (approx. 400 rpm).
- Then repot into a clean container and intermix thoroughly again.
- Apply an adhesive and bonding layer of HADALAN BM1K 32P to the existing, dry waterproofing. This is applied using a mohair roller.
- The mix is roughly spread over the fresh adhesive layer with a squeegee and then compacted and leveled with a smoothing trowel. When using natural stone, the average layer thickness is approx. 8 – 10 mm.
- To facilitate smoothing, the tools can be cleaned with HADALAN EPV 38L at regular intervals.

Drying / Follow-up work

- The surfaces can be carefully walked on the next day.
- Fully loadable after approx. 7 days.

NOTES

Cleaning

- Clean tools immediately after use with HADALAN EPV 38L.
- Hardened material can only be removed mechanically.

System products

- HADALAN® EG145 13E
- HADALAN® PUR Top 32P
- HADALAN® EPV 38L
- HADALAN® MST 89M
- HADALAN® DQ0712 89M
- HADALAN® DS91 13P



To be observed

- Maintain a processing temperature of +8 °C to +30 °C.
- The product is moisture-reactive. The material must therefore be protected from moisture until it has completely hardened. The substrate to be coated must be dry.
- High temperatures accelerate, low temperatures delay the solidification and curing process.
- The application distances for multi-layer coatings must be observed.
- Comply with consumption specifications. Deviations can lead to shading in the surface.
- Only use HADALAN® EPV 38L as thinner and cleaner.
- The substrate temperature must be at least 3 °C above the dew point temperature during application and curing.
- For cleaning and care, see the HADALAN natural stone leveled surfaces care instructions.

Ingredients

- Polyurethane resin
- Solvents
- additives

Occupational safety / Recommendation

- Further information on safety during transportation, storage and handling can be found in the current safety data sheets.

Disposal

- The following applies to all systems: Only return empty containers to recycling partner Interseroh. Allow container to air for at least 24 hours once fully emptied. Cured material residues can be disposed of in accordance with EWC code no. 08 01 11 (paint and varnish waste containing organic solvents or other hazardous substances).

Producer

Sievert Baustoffe SE & Co. KG

Mühlenschweg 6, 49090 Osnabrück
Tel. +49 2363 5663-0, Fax +49 2363 5663-90
hahne-bautenschutz.de, info-hahne@sievert.de

The statements are made based on extensive tests and practical experiences. They cannot be applied to every application case. Therefore, we recommend carrying out application trials if necessary. Subject to technical changes in the course of further development. Furthermore, our General Terms and Conditions of Business apply.