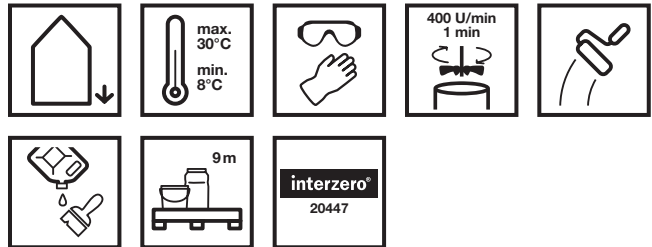




HADALAN® FBA 32P

Flexible balcony waterproofing and top layer



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

PRODUCT INFORMATION

Description

HADALAN® FBA 32P is a low-solvent coating based on polyurethane resin. After curing, the result is an elastic, crack-bridging, abrasion-resistant and cold-flexible coating.

Application

- as a sealing and crack-bridging coating for mineral and ceramic substrates on balcony and patio surfaces

Operational area

- Balconies, terraces, arcades
- Concrete and screed surfaces
- Platings

Place of use

- in outdoor areas

Properties

- elastic
- crack-bridging
- ready-to-use
- lightfast
- tread-resistant
- sealing



Technical Data

Available container sizes	7 kg/sheet metal bucket
Shade/color tones	silver grey, approx. RAL 7001, pebble grey, approx. RAL 7032
Density	approx. 1.5 kg/l
Processing temperature	+8°C to +30°C
Viscosity	approx. 40 dPa·s
Rain resistance	after approx. 1 hour ¹⁾
Revisability	after 6 – 48 hours ¹⁾
Resilience	Fully loadable after approx. 5 days ¹⁾
Elongation at break	approx. 450 %
Tensile strength	> 8 N/mm ²
Storage	9 months
Consumption	approx. 1.5 kg/m ² for even substrates
¹⁾ At +20 °C and 60 % relative humidity	

SUBSTRATE

Properties/tests

- The substrate must be sound, clean and free of cracks and separating substances.
- The residual moisture of the substrate must be < 4.0 CM%.
- The adhesive tensile strength of the substrate must be at least 1.5 N/mm².
- The surface of the substrate must be dry before starting the coating work. Moisture on the substrate leads to blistering and/or adhesion problems.

Preparation

- Dirt, separating agents, oils, mortar residues, old coats of paint etc. must be removed by shot blasting, milling or sand blasting.
- As a membrane layer in the HADALAN balcony protection system, HADALAN EBG 13E is to be used as a leveling compound in a 2 mm layer thickness. The material can be applied to damp substrates and serves as a vapor equalization layer. The subsequent layer of HADALAN FBA 32P can be applied to the dried layer of HADALAN EBG 13E without a further contact layer (quartz).
- Existing expansion joints must be prepared for the coating work, e.g. by installing expansion joint profiles. Expansion joints must be incorporated into the waterproofing layer. Reworking is not permitted.

AREAS OF APPLICATION AND PROCESSING

Applying

- After mixing, the connection areas, penetrations etc. are coated first.
- For coating inclined and vertical surfaces, the stability can be increased by adding HADALAN SM 57DD. To do this, add approx. 1.5 l HADALAN SM 57DD to 3.5 kg HADALAN FBA 32P and mix in homogeneously.
- HADALAN FBA 32P is then spread evenly with a mohair roller to a thickness of 1 mm.
- **Surface design with color chips:** HADALAN ColourChips 89V are sprinkled into the fresh coating by hand, using a sprinkling cup or chip gun in the desired coverage. After drying, the surface is sealed with HADALAN Velo-Flex transparent.

Drying / Follow-up work

- After a drying time of 6h – 48h the surface is sealed with HADALAN PUR Top 32P transparent.
- If a filler made of natural stone or decorative quartz is to be applied, this must be done no later than 3 days after application of the coating.
- If subsequent coatings cannot be applied in accordance with the specifications, a primer coat of HADALAN HV Uni 30DD adhesion promoter is required.

NOTES



■ **Cleaning**

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

■ **System products**

- HADALAN® balcony protection systems

■ **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 substrate temperature must be at least 3 °C above the dew point temperature during application and curing.
- To improve slip resistance, especially on surfaces exposed to water, we recommend incorporating HADALAN GP 57DD (see technical data sheet).
- Use HADALAN DS91 13P for waterproofing in accordance with DIN 18531-5 (see technical data sheet).

■ **Ingredients**

- Polyurethane resin
- functional fillers
- Pigments

■ **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. Leftover, hardened material can be disposed of in accordance with waste code number 08 04 09 (adhesive waste and sealing compound waste containing organic solvents or other dangerous substances).

■ **Producer**

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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.