

## Flexible balcony sealant and working surface

### Characteristics

**HADALAN® FBA 32P** is a low-solvent paint based on polyurethane resin. Once completely hardened, it provides an elastic crack-bridging, abrasion resistant and cold-flexible coating.

- Elastic
- Crack-bridging
- Ready to use
- Light-resistant
- Tread-resistant
- Sealing

### Use

**HADALAN® FBA 32P** is used as a sealing and crack-bridging coating on mineral and ceramic substrates balcony and terrace surfaces.

### Areas of application:

- Balcony and terrace surfaces
- Access balconies
- Concrete and screed surfaces
- Cladding

### Specifications

Packaging	Tin bucket
Container size	7 kg
Delivery form	72 containers/pallet
Colours	
silver grey	approx. RAL 7001
pebble grey	approx. RAL 7032
Application temperature	+8 °C to +30 °C
Density <sup>1)</sup>	1.50 kg/l
Viscosity, ready to apply <sup>1)</sup>	approx. 40 dPa.s
Workable <sup>1)</sup>	> 6 h < 48 h
Full loadable	5 days
Elongation at rupture <sup>1)</sup>	450 %
Max. tensile strength <sup>1)</sup>	> 8 N/mm <sup>2</sup>
Rain resistant	after approx. 1 hour
Storage	9 months

### Quantity required

Even substrates approx. 1.5 kg/m<sup>2</sup>

<sup>1)</sup> At +20 °C and 60 % relative atmospheric humidity.

## Preparation of the surface

The substrate must have a capacity to bear load, and be clean and free of cracks and separating substances. Dirt, separators, oils, mortar residues, old coatings, etc. must be removed by means of shot blasting, grinding or sandblasting. The residual humidity content of the substrate must not exceed 4% by weight in the zone near the surface (approx. 3 cm). The adhesive tensile strength of the substrate must be at least 1.5 N/mm<sup>2</sup>. Use **HADALAN® EBG 13E** as membrane layer in the form of a levelling compound with a layer thickness of 2 mm in the **HADALAN®** balcony protection system. The material can be applied on moist substrates and serves as waterproofing layer. The next layer of **HADALAN® FBA 32P** can be applied on the dried **HADALAN® EBG 13E** layer without another contact layer (quartz). The surface of the substrate must be dry before the coating work commences. Humidity on the substrate will result in bubble formation and/or adhesion problems. Existing expansion joints must be prepared for the coating work (by fitting expansion joint profiles or similar). These must be incorporated into the sealing layer. Overworking with **HADALAN® FBA 32P** is not permissible.

## Application

1. After stirring the product, start by coating the adjoining areas, penetrations, etc. For coating inclined and vertical surfaces, the stability of the coating can be increased by the addition of **HADALAN® SM 57DD**.  
To do this, add 1 - 2 l **HADALAN® SM 57DD** to 3.5 kg **HADALAN® FBA 32P** and stir to create a homogeneous mixture.
2. **HADALAN® FBA 32P** is then applied evenly using a mohair roller with a layer thickness of 1 mm.
3. If you are using colour chips to create a decorative surface design, scatter them into the freshly applied coating by hand with a scattering cup or a Chiron blower.
4. After a drying time of > 6h < 48h, seal the surface with **HADALAN® PUR TOP 32P transparent**.
5. If you want to apply a scratch coat of natural stone or decorative quartz, this must be done no later than 3 days after the coating is applied.
6. Work equipment can be cleaned while still wet using **HADALAN® EPV 38L**. Once the product has dried out completely, cleaning is only possible mechanically.
7. If subsequent coatings cannot be applied in accordance with the specifications, a primer coat of **HADALAN® HV Uni 30DD** is required. For more information, refer to the technical code of practice.

## hahne system products

HADALAN® balcony protection systems

## Important notes

- Observe the working temperature of +8 °C to +30 °C.
- HADALAN® PUR reaction resins are reactive to humidity. Therefore, these materials must be protected against humidity until they are completely hardened. The surface of the substrate to be coated must be dry.
- High temperatures accelerate and low temperatures delay the progress of hardening.
- During application and hardening, the substrate temperature must be 3 °C above the dew point.
- To improve the skid resistance, especially on surfaces which are exposed to water, we recommend that you use **HADALAN® GP 57DD** (see technical data sheet).
- Please use **HADALAN® DS91 13P** for waterproofing as per DIN 18531.5 (see the technical fact sheet).

## Ingredients

Polyurethane resin, functionally filling materials, pigments

## Safety provisions/recommendations

Information regarding the safety during transport, storage and handling are included in the updated safety data sheets.

## Disposal

The local waste removal regulations must be observed.

## Manufacturer

**Sievert Baustoffe GmbH & Co. KG**  
Mühlenschweg 6, 49090 Osnabrück  
Tel +49 2363 5663-0, Fax +49 2363 5663-90  
hahne-bautenschutz.de, info-hahne@sievert.de

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