

High-speed primer and coating, flexible

Characteristics

HADALAN® Velo-Flex is a special transparent, 2-component reaction resin based on aspartic acid ester in a flexible version. Due to the special formulation, it reacts and hardens particularly quickly and enables rapid work progress with further system products.

- very fast
- solvent-free
- transparent
- UV-stable
- flexible

Use

HADALAN® Velo-Flex is used to seal the wear layer or interspersions in the **HADALAN® Velo** balcony system. In addition, it can also be used as a coating and binder for floor coatings.

Areas of application:

- balconies
- loggias
- arcades
- terraces
- mineral substrates

Specifications

Packaging	tin bucket
Container	3 kg
Component A	1.75 kg
Component B	1.25 kg
Mixing ratio	1.4 : 1
Working temperature (substrate and air temp.)	+10 °C to +30 °C
Material temperature	+15 °C to +20 °C
Pot life	15 minutes
Density mixed	1.1 kg/l
Colour shade	transparent
Gloss level	glossy
Solid content	100 %
Recoatable	after approx. 3 hours*
Walkable	after approx. 4 hours*
Fully cured	after approx. 4 hours*
Fully loadable	after approx. 3 days*
Storage	frost-free, 6 months

Quantity required

As a sealant 0.4 - 0.6 kg/m²

*At +20 °C and 60 % relative humidity.
Lower temperatures delay the setting times.

Preparation of the surface

The substrate must be load-bearing, dry and free from dirt, dust, cleaning agent residues or other separating substances.

For the appropriate substrate preparation, please observe the information in the technical data sheets of the individual components in the **HADALAN® Velo** balcony system **HADALAN® Velo-Base** and **HADALAN® Velo-Seal**.

Application

Application as a sealer:

1. The entire hardener component is added to the resin component. Mix the components homogeneously with a suitable stirrer (approx. 400 rpm) with DLX stirrer. The mixing time is at least 2 minutes. The little mixed components adhering to the vessel wall, the bottom as well as the stirrer are to be scraped off and added to the mixed material. Then transfer the material into a clean mixing vessel (repot) and mix completely again.
2. After mixing, **HADALAN® Velo-Flex** is applied evenly and film-forming to the substrate to be sealed with **HADALAN® Velo-Seal** using a polyamide roller special for floor coatings or a suitable tool.
3. Slip resistance: If required, approx. 3 % plastic granulate **HADALAN® KG 57DD** can be added to the sealant **HADALAN® Velo-Flex**.

General:

Due to the fast reaction time of the material, it is important to process the material quickly. We recommend planning at least two employees for the application. For larger areas, more employees are required. Larger areas should be divided into sections. Tools should be cleaned regularly with **HADALAN® EPV 38L** or replaced. Only prepare as much material as can be applied within the pot life.

hahne system products

HADALAN® Velo-Base
HADALAN® Velo-Seal
HADALAN® ColourPowder
HADALAN® ColourChips 89V
HADALAN® KG 57DD

Important notes

- Maintain a working temperature of +10 °C to +30 °C.
- Avoid direct sunlight.
- The coating intervals of max. 24 hours must be observed.
- High temperatures and high humidity accelerate, low temperatures and low humidity delay the solidification process.
- The substrate temperature must be at least 3 °C above the dew point temperature.
- Process the material quickly.
- Processing beyond the pot life will change the surface appearance of the coating.
- Only use materials from one batch.
- In the case of coating systems that can be laid by hand, traces of the laying process may remain visible. This applies in particular to grazing light or larger connected areas; if necessary, create a sample area.
- To maintain the surface quality of the coating, it is recommended to use care products and to clean the floors regularly (see care instructions **HADALAN® epoxy resin floorings**).

Ingredients

2K reactive resin based on aspartic acid ester, additives

Safety provisions/recommendations

Detailed information on safe transport, storage and handling can be found in the current safety data sheets.

Disposal

The local waste removal regulations must be observed.

Manufacturer

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