



HADALAN® Velo-Flex

High-speed primer and coating, flexible



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

PRODUCT INFORMATION

Description

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 other system products.

Application

- can be used as a coating and binder for floor coatings
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Operational area

- multifunctional use as **primer, coating** and **sealer**
- Balconies, terraces, arcades
- mineral substrates

Place of use

- in outdoor areas

Properties

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



Technical Data

Available container sizes	3 kg/set
Colour	transparent
Gloss	shiny
Component A	1.75 kg
Component B	1.25 kg
Mixing ratio	1.4 : 1 parts by weight
Density, ready to use	approx. 1.10 kg/l
Processing temperature	+5°C to +30°C
Pot life	15 minutes ¹⁾
Revisability	after approx. 3 hours ¹⁾
Walkability	after approx. 4 hours ¹⁾
Resilience	can be recoated after approx. 4 hours, fully loadable after approx. 3 days ¹⁾
Solids content	100 % by weight
Storage	frost-free, 9 months
Consumption	approx. 0.2 – 0.4 kg/m ² as sealant
¹⁾ At +20 °C and 60 % relative humidity	

SUBSTRATE

Properties/tests

- The substrate must be dry, load-bearing, clean, dust-free and free of adhesion-reducing residues, release agents, efflorescence and sintered coatings.

Preparation

- For the appropriate substrate preparation, please refer to the information in the technical data sheets for the individual components in the HADALAN Velo balcony system HADALAN Velo-Base and HADALAN Velo-Seal.

AREAS OF APPLICATION AND PROCESSING

Applying

- **Application as a sealant:** The entire hardener component is added to the resin component. Use a suitable stirrer (approx. 400 rpm) with DLX stirrer to mix the components homogeneously. The mixing time is at least 2 minutes. Remove the little mixed components adhering to the container wall, base and stirrer and add them to the mix. The material is then transferred to a clean mixing vessel (repotted) and mixed thoroughly again.
- After mixing, HADALAN Velo-Flex is applied evenly and film-forming to the substrate to be sealed with HADALAN Velo-Seal using a special polyamide roller for floor coatings or a suitable tool.
- Slip resistance: If required, approx. 3 % plastic granulate HADALAN KG 57DD can be added to the HADALAN Velo-Flex sealant.

NOTES

Cleaning

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



System products

- HADALAN® Velo-Base
- HADALAN® Velo-Seal
- HADALAN® ColourPowder
- HADALAN® GP 57DD
- HADALAN® KG 57DD
- HADALAN® ColourChips 89V
- HADALAN® FGM003 57M
- HADALAN® FGM012 57M
- HADALAN® EPV 38L

To be observed

- Due to the fast reaction time of the material, ensure that the material is processed quickly. We recommend scheduling at least two employees for the application. More for larger areas. Larger areas should be divided into sections. Tools must be cleaned or replaced regularly using HADALAN EPV 38L. Only prepare as much material as can be applied within the pot life.
- The maximum coating intervals of 24 hours must be observed.
- High humidity accelerates, low humidity delays the solidification process.
- The substrate temperature must be at least 3 °C above the dew point temperature during application and curing.
- Process the material quickly.
- Processing beyond the pot life leads to poor results in terms of film strength and visual impression.
- Only use materials from one batch.
- With coating systems that can be applied by hand traces of application may remain visible. This applies in particular to grazing light or larger contiguous areas, create a sample area if necessary.
- To maintain the surface quality of the coating, the use of care products and regular cleaning of the floors is recommended (see HADALAN epoxy resin flooring care instructions).

Ingredients

- 2K reactive resin based on aspartic acid ester
- 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. 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

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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.