



# HADALAN® NSK 20D

Natural stone adhesive for HADALAN® MST 89M on vertical surfaces



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

## PRODUCT INFORMATION

### Description

HADALAN® NSK 20D is a thixotropic synthetic resin adhesive and binder. After curing, a transparent, semi-matt and light-resistant binder film is obtained.

### Application

- Adhesive and binder for HADALAN MST 89M when working on vertical surfaces

### Operational area

- Upstands of balconies, terraces and staircases
- Interior wall coverings and steps

### Place of use

- indoors

### Properties

- high bonding strength
- thixotropic, therefore easy to apply
- low odour

### Technical Data

|                           |                                                                                                 |
|---------------------------|-------------------------------------------------------------------------------------------------|
| Available container sizes | 5 kg/PE bucket                                                                                  |
| Density                   | approx. 1.0 kg/l                                                                                |
| Processing temperature    | +10 °C to +35 °C                                                                                |
| Storage                   | frost-free, 12 months                                                                           |
| Consumption               | approx. 12.5 % by weight for HADALAN MST 89M<br>approx. 0.3 kg/m <sup>2</sup> as adhesive layer |



## 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

- To improve adhesion and workability, Quartz051 57M is sprinkled into a previously applied layer of HADALAN EBG 13E in interior areas.
- In exterior areas, Quartz051 57M is sprinkled into a previously applied adhesive layer. Depending on the method used, this can consist of HADALAN EG145 13E or HADALAN PUR Top 32P.
- After curing, the layer is applied.

## AREAS OF APPLICATION AND PROCESSING

### Applying

- Apply the adhesive layer of HADALAN NSK 20D using a roller or brush.
- Add HADALAN NSK 20D to the HADALAN natural stones and mix homogeneously (mixing ratio 1 GT binder : 8 GT natural stones)
- Apply the filler mixture to the still fresh adhesive layer to a maximum thickness of 6 mm. Then compact and level.
- Only apply as much adhesive as can be covered with HADALAN MST 89M before the skin starts to form.

### Drying / Follow-up work

- The leveled surface must be protected from damaging effects such as rain, frost, splashing water and mechanical stress until it is completely dry.

## NOTES

### Cleaning

- Clean all tools and equipment with water immediately after use.

### System products

- HADALAN® MST 89M

### To be observed

- Only apply as much adhesive as can be covered with HADALAN MST 89M before the skin starts to form.
- Maintain a processing temperature of +10 °C to +35 °C.
- Limit the layer thickness of the natural stone fillers in the vertical area to max. 6 mm.
- High humidity and/or low ambient temperatures can lead to considerable drying delays.
- Not suitable for horizontal surfaces.
- Moisture penetration from the rear must be avoided to prevent white tarnishing
- Protect the leveled surface from damaging effects such as rain, frost, splashing water and mechanical stress until it is completely dry.
- Natural stone fillers with solvent-free binders differ in color reproduction from fillers with pure PUR binders. This is particularly noticeable with the color green. Carry out preliminary tests if necessary.
- Do not use different natural stone binders on a visually cohesive surface.
- In the case of larger wall fillings, greater effort is required to level the surface. Carry out a preliminary test if necessary.
- When used outdoors or in wet indoor areas, the binder may tarnish white. The darker a surface is, the more visible the effect can be. After a few wet/dry periods, the tendency to whitening is significantly reduced. HADALAN NSK 20D is not suitable for use in permanently wet areas, e.g. showers, swimming pools or horizontal surfaces and non-drained connection areas.

### Ingredients

- Synthetic resin dispersion
- Additives
- Thixotropic agent



### ■ 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 product residues can be found under the waste code in accordance with the Waste Catalog Ordinance 08 04 10 (waste adhesives and sealants with the exception of those mentioned in 08 04 09).

### ■ 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.