

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

Characteristics

HADALAN® NSK 20D is a thixotropic artificial resin adhesive and bonding agent. After the hardening is complete, a transparent, silk-glossy, weathering-resistant and light-fast bonding agent film is obtained.

- High adhesive force
- Thixotrope
- Low-odour

Use

HADALAN® NSK 20D as a binding agent for **HADALAN® MST 89M** on vertical surfaces indoors. If used in the outdoors or in a particularly humid indoor area, continuous humidity can result in white clouding of the bonding agent. This effect is particularly obvious with dark natural stone.

After a few wet/dry periods, the tendency for white clouding is reduced significantly.

However, **HADALAN® NSK 20D** is not suitable for use in continuously wet areas, such as domestic showers, swimming pools, horizontal surfaces indoors and outdoors, as well as adjacent areas that do not get drained.

Areas of application:

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

Specifications

Packaging	PE bucket
Barrel	5 kg
Delivery form	80 barrels/pallet
Density	approx. 1.0 kg/l
Processing temperature	+10 °C to +35 °C
Storage	frost-free, 12 months

Quantity required

As adhesive layer	approx. 0.3 kg/m ²
As bonding agent for HADALAN® MST 89M	8 parts by weight - MST 89M (2-4 mm) : 1 part by - NSK 20D

Preparation of the surface

The substrate must be dry and firm, have a capacity to bear load, and be free of impurities.

To improve the adhesion and the workability in indoor areas **Quartz051 57M** is scattered over a previously-laid coating of **HADALAN® EBG 13E**.

In the outdoors, **Quartz051 57M** is scattered in a previously applied adhesive layer. Depending on the process used, this can be made of **HADALAN® EG145 13E** or **HADALAN® PUR Top 32P**. The hardening is followed by the coating build-up.

Application

1. Apply an adhesive layer of **HADALAN® NSK 20D** by means of a roller or a brush.
2. approx. 8 parts by weight **-MST 89M** (2-4 mm) : 1 part by weight of **-NSK 20D**.
Mix the bonding agent and the natural stones homogeneously.
3. Apply the putty mixture in the still-fresh adhesive layer with a maximum thickness of 6 mm. Then seal and even out.
4. Clean all processing equipment with water immediately after use.

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HADALAN® MST 89M

Important notes

- Only apply as much adhesive as can be covered till the start of skin formation with **-MST 89M**.
- Maintain the processing temperature between +10 °C and 35 °C.
- Limit the layer thickness of the natural stone putty applications in the vertical zones to max. 6 mm.
- High atmospheric humidity and/or low ambient temperature can result in significant delays in drying.
- Only suitable for horizontal surfaces.
- Moisture seepage to the rear side should be eliminated in order to avoid bubble formation and white clouding.
- Till it is completely dry, the putty covering must be protected from harmful influences like rain, frost, sprayed water and mechanical stress.
- Natural stone putty applications with solvent-free bonding agents are different in their colour shade reproduction from putty applications with pure PUR bonding agents. This particularly manifests itself with the colour shades of green. If required, carry out advance trials.
- Do not process different natural stone bonding agents on one optically contiguous surface.
- With large areas of wall for application, there may be an increased effort required for harmonising the covering. Carry out an advance trial if required.

Ingredients

Plastic dispersion, additives, thixotropic agents

Safety provisions/recommendations

For detailed information regarding safety during transport, storage and handling, refer to the updated safety data sheet.

Disposal

The local waste removal regulations must be observed.

Manufacturer

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