

Pore closer for HADALAN MST® 89M for indoors

Characteristics

HADALAN® PV 20D is a solvent-free thixotropic pore filler on an artificial resin dispersion base. The pasty and UV-resistant dispersion hardens completely in transparent state once it dries fully. Thanks to the modern bonding agent technology, a very good water resistance and film hardness is obtained. However, **HADALAN® PV 20D** is not suitable for areas that are continuously wet, such as shower areas, swimming pool perimeters etc.

- High film strength
- Stable
- Transparent drying
- Low-odour
- Easy to process

Use

HADALAN® PV 20D as pore closer for **HADALAN® MST 89M** in the indoors.

HADALAN® PV 20D fills the pores and prevents the penetration of liquids, such as water, lemonade or even food residue.

The cleaning of the surfaces is also simplified.

The pore closing results in a change in the overall visual impression of the natural stone putty application. Therefore, it is advisable to create a trial area.

Areas of application:

- Putty applications with **HADALAN® MST 89M** in the indoors

Specifications

Packaging	PE bucket
Barrel	5 kg
Delivery form	80 barrels/pallet
Density	approx. 1.04 kg/l
Viscosity	300 dPa.s
Skin formation	approx. 15 minutes
Walkable with care ¹⁾	after 24 h
Capable of taking up loads ¹⁾	after 48 h
Hardened completely ¹⁾	after 7 days
Processing temperature	+10 °C to +30 °C
Storage	frost-free, 12 months

Quantity required

Depending on grain size in 1 or 2 operations

0.8 - 1.2 kg/m²

¹⁾ At +20 °C and 60 % relative atmospheric humidity.

Preparation of the surface

Natural stone putty applications must have an even surface, be free of pitting and faults and sealed competently.

Dirty coverings must be cleaned and dried before the pore closing.

Surfaces with a varying surface structure, for example, caused by irregular application of the natural stones, are not suitable for pore closing. Irritations in the surface and colour variations can occur.

Application

1. **HADALAN® PV 20D** is ready for processing.
2. Distribute the material uniformly with a jointing board over the natural stones and work it into the pores. Next, work the surface once again with a foam rubber wiper so that no excess material remains on the surface.
Take care that the action of pushing or pulling off the excess material does not result in any stripe formation because of a worn rubber wiper. If required, a new rubber wiper should be used for the clearing up.
3. Depending on the desired surface quality, re-work the surface with a short-fibre roller, cross-wise, so that a slightly matt surface is created.
Check the quality of the surface with a glancing light and rework it if required. Carry out this work only till the skin formation starts.
4. Depending on the grain size, it may be necessary to coat the surface in 2 operations.
With coarse granulation and/or an open pore structure, with the 1-layer coating technology, there may occur defects in the pore closing. They must be closed by the application of the 2nd layer.
The application of the 2nd layer can only take place after complete drying of the 1st layer, generally after 1-2 days.
The process engineering is the same as described in Point 3.
Important: During the complete drying of the pore closer, ensure good ventilation so that the water present in the pore closer can evaporate quickly.
5. Clean all processing equipment with water immediately after use. Completely hardened material residues can only be removed mechanically.

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HADALAN® natural stone putty coverings

Important notes

- Comply with the usage specifications. Using excessive quantities results in a change in the surface quality and the colouring.
- During the drying, the atmospheric humidity must not be more than 75%, else the appearance could be adversely affected (white discolouration).
- Not suitable for areas that are continuously wet.
- High atmospheric humidity and/or low ambient temperature can result in significant delays in drying.
- The material is not suitable for use in garages owing to the absence of softener resistance.
- Moisture seepage to the rear side should be eliminated in order to avoid white clouding.
- During the processing, the ambient and substrate temperature should be at least 3 °C above the dew point temperature.
- Dirt must be removed as quickly as possible to avoid migration into the substrate.
- Depending on the colour shade of the natural stones, changes in the appearance are possible owing to the different contrasts or the variation in the grain sizes. A light formation of veneer in the surface is possible from a technical standpoint, and is not a defect.
- The treated surfaces should be regularly cleaned with normal commercial neutral cleaners.
- Increased layer thicknesses arising from insufficiently distributed material can cause a tendency towards turbidity when drying.
- Floor heating systems must remain switched off during the processing and up to complete drying of the pore closer.

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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HADALAN® PV 20D

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This information is based on extensive tests and practical experience. However, it cannot be applied to every type of application. If in doubt, we recommend that you test the product before using it. Due to continuous product improvement, this information is subject to change without notice. Our General Terms and Conditions apply.
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