

## SUSPENDING AGENT NATURAL STONE COVERING SN 1K



- > low consumption
- > easy to mix
- > good thickening properties

### Product description

The Natural Stone Carpet SN 1K suspending agent is a highly efficient additive for increasing the stability of Natural Stone Carpet Resin PU 1K.

Indoors and outdoors. Through the addition of Natural Stone Carpet SN 1K suspending agent to the Natural Stone Carpet Resin PU 1K, the technical properties, especially viscosity and pot life are changed. The hardening time of the natural stone carpet is extended by this.

### Delivery format

Container	Outer packaging	Pallet
1 KG / KE	-	12 KE

### Storage

Can be stored frost-free, cool, and dry on wooden shelves in the unopened original container for 365 days

### Processing

#### Recommended tools

Electric agitator, suitable mixing vessel, smoothing trowel, trowel, long smoothing trowel, dust protection mask.

#### Processing

The mixed product is applied with a suitable tool.

For vertical surfaces, natural stone carpet resin PU 1K is mixed with approx. 7-8% suspending agent SN 1K and applied to the coating carrier without marble pebbles using a trowel.

Next, the natural stone carpet resin PU 1K mixed with suspending agent SN 1K is mixed with the marble pebbles MG 24 at a 1:10 mixing ratio (e.g.: 1.25 kg PU 1K + 7-8% SN 1K : 12.5 kg MG 24) applied wet-on-wet and smoothed.

During processing, we recommend intermediate cleaning of the tools with MUREXIN Epoxy Cleaner EP V4.

## Technical data

Consumption | approx. 6 - 8% of the binding agent

## Substrate

### Suitable substrates

Requirements for mineral substrates:

The substrate must be dry, stable and free of separating, intrinsic and dissimilar substances, pursuant to the IBF Directive - industrial substrates of reaction resin. Residual moisture max. 4 % by weight, measured with the CM device. Substrate temperature greater than 12 °C and 3 K above dew point; adhesive tensile strength on average 1.5 N/mm<sup>2</sup>; adhesive tensile strength smallest single value 1.1 N/mm<sup>2</sup>

## Product and processing instructions

### Material information:

- If processing outside the ideal temperature and/or humidity range the material properties could change markedly.
- Bring the materials to the proper temperature before processing!
- In order to maintain the product properties, do not add any foreign materials!
- Water dosing quantities or dilution information must be strictly adhered to!
- Check tinted products for colour accuracy before application!
- Colour consistency can only be guaranteed within the same batch.
- The colour formation is significantly impacted by the environmental conditions.

### Environmental information:

- Do not process at temperatures below +5 °C!
- The ideal temperature range for the material, substrate and air is + 15 °C to + 25 °C.
- The ideal relative humidity range is 40% to 60%.
- Increased air humidity and/or lower temperatures may prolong the drying, setting and hardening time, while lower air humidity and/or higher temperatures will speed it up.
- Ensure adequate ventilation during the drying, reaction and hardening phase; avoid draughts!
- Protect against direct sunlight, wind and weather!
- Protect adjacent components!

### Tips:

- We recommend using a test surface first or a small area for initial, small-scale testing.
- Please heed the product data sheets of all MUREXIN products used in the process.
- Keep a genuine original container of the respective batch for later repair work.

The information provided reflects average values that were obtained under laboratory conditions. Due to the use of natural raw materials, the indicated values of individual deliveries may vary slightly without impacting the product suitability.

## Safety instructions

### Limiting and monitoring exposure

#### Personal protective equipment:

#### General protection and hygiene measures:

- Keep away from foodstuffs, beverages and feedstuffs.
- Take off contaminated, impregnated clothing immediately.
- Wash your hands before taking breaks and when finishing work.

#### Breathing protection:

- Wear breathing protection in case of inadequate ventilation.
- Filter P2.

#### Hand protection:

- Protective gloves.
- The glove material must be impermeable and resistant to the product/substance/preparation.

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## Coating technology

### Glove material

- Use gloves made from stable materials (e.g. nitrile).

### Penetration time of the glove material

- The precise penetration time is to be found out from the protective glove manufacturer and complied with.

Eye protection: Protective goggles recommended when decanting.

Body protection: protective clothing.

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Please observe the current, technical, national and European standards, guidelines and data sheets regarding materials, substrates and the subsequent construction. Please contact us if you have any reservations or doubt.

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