

TEGOVAKON® V 100

Product description

TEGOVAKON® V 100 is a solvent-free one-component consolidant based on silicic acid esters.

Physical properties

Appearance	colourless, clear
Active content	98.5 %
Density (25°C)	approx. 1.06 g/cm ³
Flash point (DIN 53213)	42 °C

Application

Consolidation of

- Decayed natural stones
- Friable concrete
- Morbid joints

Properties/Benefits

- Consolidation of the substrate up to original strength
- High penetration
- Non-tacky finish with a stain release effect
- Usually no visible change of the surface and virtually no reduction of vapour permeability
- Easy to coat
- One-component system, ready-to-use

Dosage and Handling

TEGOVAKON® V 100 is applied on dry substrates when temperatures are between 5 – 30 °C. Application is typically carried out by flooding until the substrate is saturated, i. e. no additional material

is adsorbed within 1 minute; application by rolling is also possible provided enough material can be applied homogeneously.

In case a repeated treatment is necessary on strongly decayed substrates this should be carried out as a wet-in-wet application max. 4 hours after the first treatment. Excess material has to be removed right after the application in order to avoid formation of glossy spots especially on less-porous areas of the substrate. This may be achieved by flooding with methyl-ethylketone or white spirit.

It is recommended to treat the whole area in one step in order to secure uniform appearance.

To improve long-term protection of the substrate subsequent treatment with masonry water repellents is recommended. Solvent-based systems may be applied approx. 14 days after treatment with TEGOVAKON® V 100, water-born systems should be applied after 1 month earliest.

Depending on the substrate (e. g. grade of decomposition, porosity) the consumption may vary over a wide range. It is therefore recommended to evaluate the required dosage by means of representative test areas prior to the final impregnation. Possible discolouration should also be carefully observed in this context.

Registration status

The ingredients of TEGOVAKON® V 100 are listed in the following chemical inventories:

EINECS, TSCA, DSL, ENCS, AICS, ECL, PICCS, China

Further information is available on request.

Storage stability

TEGOVAKON® V 100 may be stored in closed containers for at least 12 months; temperature should not exceed 35 °C.

Packaging

Pallet à 275 kg (11 x 25 kg steel drums)

Pallet à 800 kg (4 x 200 kg steel drums)

Container à 950 kg

Hazardous goods classification

Information concerning

- classification and labelling according to regulations for transport and for dangerous substances
- protective measures for storage and handling
- measures in case of accidents and fire
- toxicity and ecological effects

is given in our material safety data sheets.

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Trademark notice and legal notice

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