

Siliceous hardener and impregnation

- permanently hardened surface
- stops water and humidity penetration permanently
- good chemical resistance
- permeable to vapour
- easy and safe application
- environmentally friendly

PRODUCT DESCRIPTION

VANDEX ECO SEALTOP 111 is an innovative, one-component aqueous liquid based on a siliceous binding system.

AREAS OF APPLICATION

VANDEX ECO SEALTOP 111 impregnates and seals porous and absorbent areas such as concrete, screed and mineral surfaces and makes them water-repellent.

Typical applications:

- surface protection for mineral-based construction material for indoor and outdoor use, such as "béton brut", concrete floors, pre-fabricated concrete elements, interlocking pavers, paving slabs,
- areas exposed to high mechanical and chemical stress including salt water,
- agricultural and sewage areas,
- protection against all kinds of contaminations (algae, moss, graffiti – prevents deep penetration of paints)

PROPERTIES

Owing to its low viscosity, VANDEX ECO SEALTOP 111 penetrates deeply into the substrate and, with the mineral elements, forms an extremely durable and abrasion resistant siliceous structure. After application, the permanently impregnated and hardened surface shows the following benefits and properties:

- waterproof against pressureless water,
- protection against water dissolved contaminants,
- good resistance against chemical agents and abrasion,
- increased resistance against freezing and de-icing salts,
- solvent and VOC free,
- prevents algae growth and efflorescences,
- permeable to vapour,
- prevents water penetration in hairline cracks,
- does not form surface film,
- quick drying,
- environmentally friendly

SURFACE PREPARATION

The substrate to be treated must be sound, dry and free of dust. Remove all loose particles, oil, grease and other contaminations.

After wet cleaning, e.g. by high-pressure water jetting, allow sufficient drying before application.

APPLICATION

Before use, shake the container of VANDEX SEALTOP 111 well.

Undiluted VANDEX ECO SEALTOP 111 is sprayed or applied by brush or roller onto absorbent, dry substrates, covering it completely. Depending on absorption capacity, it may be necessary to apply twice wet on wet within 10 minutes.

Remark:

On decorative surfaces, apply at a discreet place a small quantity for testing at least 1 day before application.

Do not apply on non absorbent surfaces.

Protect glass, tiles, bricks and similar from splatter. Aluminium should not come into contact with the product. Accidentally splashed material must be cleaned with water immediately. At each work interruption, all tools must be cleaned.

CONSUMPTION

Depending on the porosity of the surface to be treated, consumption is between 150 and 400 ml/m²; determine exact consumption by a test application.

CURING

After application, the surface must be protected from rain and humidity as well as from fast drying (sun, wind) during 24 hours.

PACKAGING

5 kg plastic container
30 kg plastic container

STORAGE

When stored in unopened, undamaged original packaging, shelf life is 12 months.

HEALTH AND SAFETY

VANDEX ECO SEALTOP 111 is corrosive.

Causes severe burns. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing, gloves and eye/face protection. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

For further information please refer to actual Material Safety Data Sheet on www.vandex.com.

TECHNICAL DATA		
Base		inorganic material
Appearance		transparent liquid
Density	[kg/l]	approx. 1.1
Viscosity	[mPa · s]	< 1
pH value		approx. 12
Solvents		none
Capillary water absorption	[kg/m ² · h ^{0.5}]	< 0,1
Application conditions:		
Max. permissible air humidity	[%]	95
Temperature of air and support	[°C]	+5 up to max. +55
All data is averaged from several tests under laboratory conditions. In practice, climatic variations such as temperature, humidity, and porosity of substrate may affect these values.		

The information contained herein is based on our long-term experience and the best of our knowledge. We can, however, make no guarantee since for a successful outcome, all circumstances in an individual case must be taken into consideration. Indications of quantities required are only averages which in certain cases might be greater.



An **RPM** Company

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