

VS-1

Acrylic stone varnish

Description

VS-1 is a ready-to-use, transparent acrylic varnish with solvents, used to impregnate natural stones (slate or tufa stone, etc.) and artificial building materials (decorative bricks, roof tiles etc.).

- It provides great water repellency.
- It offers durable protection.
- It brightens up the natural color of the material on which it is applied.
- It protects the surfaces from salt stains as well as frost and dirt, due to its resistance to rainwater and impurity absorption.
- It is suitable for indoor and outdoor use.

Fields of application

VS-1 brings out the natural color of the material on which it is applied, protecting at the same time the surfaces from rainwater and atmospheric pollution. It is suitable for the impregnation of natural stones, exposed masonry, roof tiles, etc. It is applied on walls and floors, both indoors and outdoors.

Technical data

Color: transparent
Density: 0.90 kg/l

Directions for use

1. Substrate preparation

The surfaces to be treated with VS-1 should have open pores. Adjacent surfaces such as windows, painted surfaces and materials susceptible to solvents, such as polystyrene, joint mastic, bitumen etc., have to be protected during VS-1 application.

The application of VS-1 is carried out by brush, roller or spraying in two layers. The second layer may be applied, as soon as the first one has dried.

Consumption

150-200 ml/m² per layer, depending on the absorptivity of the surface.

Packaging

VS-1 is supplied in metal containers of 1 l, 4 l and 10 l.

Shelf-life / Storage

24 months from production date, if stored in original, unopened packaging, at temperatures between +5°C and +35°C. Protect from direct sun exposure and frost.

Volatile Organic Compounds (VOCs)

According to the Directive 2004/42/CE (Annex II, table A), the maximum allowed VOC content for the product subcategory h, type SB is 750 g/l (2010) for the ready-to-use product.

The ready-to-use product VS-1 contains a maximum of 750 g/l VOC.

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2. Application

The technical information and instructions supplied in this datasheet are based on the knowledge and experience of the Department of Research and Development of our company and on results from long-term applications of the product in practice. The recommendations and suggestions referring to the use of the product are provided without guarantee, since site conditions during the applications are beyond the control of our company. Therefore the user is responsible for confirming that the chosen product is suitable for the envisaged application. The present edition of this technical datasheet automatically cancels any previous one concerning the same product.

