

# DUROXIM

## Uni concrete glaze

Art. 458 / 4 / 0323

VFL  
Vismara Farbladen



### Properties

DUROXIM is a water-thinnable and breathable concrete glaze for exterior and interior use. The colourless or glazed coating gives the surface an even character while preserving the natural exposed concrete structure. DUROXIM is outstandingly weather-resistant, breathable as well as resistant to saponification and yellowing and provides lasting protection for the substrate against aggressive environmental and weathering influences.

### Field of application

For colourless or colour matching of exposed concrete to façade coatings or for bridging colour differences and stains as well as for protection from atmospheric influences.

Due to the slightly levelling effect on the substrate, DUROXIM is only conditionally suitable for application on coloured natural stone. A test surface must be applied in any case. Alternatively, we recommend the completely transparent BLENDAXIT deep penetrating primer WV-224.

### Pretreatment

The dry concrete must be free of cement slurry, formwork oil residues and other impurities. It is essential to test the glaze shade beforehand, as there may be considerable deviations depending on the concrete, the quantity applied, the dilution and the surface preparation.

### Processing

Do not apply at temperatures below 8 °C, in direct sunlight or increased air humidity.

### System structure

#### **As a colourless protective coating**

1–2 x DUROXIM uni concrete glaze colourless  
or 1 x BLENDAXIT deep penetrating primer WV-224 colourless to be applied as an undercoat

#### **As a glazing protective coating**

1 x BLENDAXIT deep penetrating primer WV-224 colourless (gives the substrate an even absorbency for a subsequent stain-free glaze coat)  
1–2 x DUROXIM uni concrete glaze varnishing

### Drying

- ◆ Dust dry after about 30 minutes
- ◆ Firm to the touch after 1–2 hours
- ◆ Can be painted over after about 12 hours  
(depending on the temperature, application quantity, air humidity and absorbency of the substrate)

### Dilution

Water. In order to increase transparency or for special applications, it can be diluted with up to 20 % water, as desired.

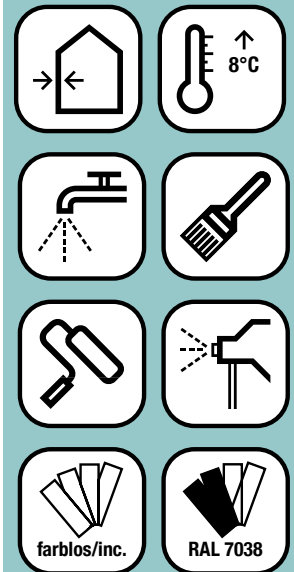
### Extensiveness

6–8 m<sup>2</sup> per kg per application, depending on the quantity applied and the condition of the substrate.

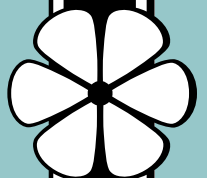
### Application

Brush, roller or spray gun.

In order to achieve optimum results, it is very important to use the right tools – see KNUCHEL GUIDE on brush and roller qualities. You will find this guide both in the catalogue and on the homepage as an attachment to this product.



Farben



Knuchel

High quality - Top finish

<b>Cleaning</b>	Clean tools with warm water immediately after use. Dried-in residues can only be removed with cleaning thinner or brush cleaner.
<b>Delivery form</b>	Colourless: Packages of 16, 4 and 1 kg. Coloured glazing: Packages of 16,8; 4,2 and 1,05 kg.
<b>Shelf life</b>	DUROXIM can be stored for at least 18 months in the well closed original container. Store in a cool but frost-free place. Diluted material reduces the shelf life, depending on the degree of dilution and water quality.
<b>Viscosity</b>	Low viscosity
<b>Density</b>	Colourless: $1,15 \pm 0,05 \text{ g/cm}^3$
<b>Solid content</b>	Colourless: $25 \pm 1 \%$
<b>Binder base</b>	Nanoscale acrylic resin dispersions
<b>Pigment base</b>	Titanium dioxide, inorganic light- and weather-resistant colored pigments.
<b>Gloss level</b>	Matt < 1 % at 60° angle
<b>Colours</b>	Colourless / RAL 7038 Agate grey and RAL Cat.1
<b>Swiss Color Foundation</b>	Environmental label: Class B (Minergie-Eco and ecobau BKP/Devis approved, 1st priority)
<b>Registration</b>	CPID 286218
<b>Classification</b>	For information on chemical properties and hazards as well as regulations regarding transport, processing, storage, disposal, etc., please refer to the safety data sheet.
<b>Note</b>	<p>This leaflet is only intended as a reference and non-binding advice. The processing must be adapted to the corresponding conditions. In special cases we recommend to contact our technical service. However, all data and information on the suitability and application of the delivered products do not exempt the processor from carrying out his own tests and trials. A claim for damages for omitted, incomplete or incorrect information is excluded. This applies in particular also if other products are used in the paint build-up system.</p> <p>Furthermore, we refer to our General Terms and Conditions (GTC) on our homepage.</p>