

DUROVIT

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Acrylic dispersion interior ELF G-05

VFL
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Properties

DUROVIT is a water-dilutable, silk-matt acrylic dispersion paint with the highest degree of whiteness. It is the quality product among the interior dispersions thanks to its high resistance to washing and abrasion (over 15,000 cycles), opacity (in many cases one coat is sufficient) and yield (low specific weight). DUROVIT is pleasantly easy to apply without leaving any build-up, has a low odour and hardly splashes when rolled. DUROVIT coatings are characterized by low sensitivity to dirt, high adhesion and alkali resistance as well as lightfastness (no dark or light yellowing) and are resistant to aging (crack-free) thanks to high elasticity.

Field of application

DUROVIT acrylic dispersion interior ELF G-05 is suitable for all mineral surfaces in new buildings as well as in the renovation sector, such as cement-, lime- or plastic plasters, masonry, exposed concrete, gypsum, cement fibre boards as well as wood, wallpaper, polystyrene, etc.

Pretreatment

The substrate must be clean, dry and load-bearing. Fix untreated, absorbent, chalky or sandy substrates with a deep penetrating primer for the time being. Wash off old lime and Blanc-Fix coats as thoroughly as possible and fix with a deep penetrating primer. Freshly applied plastic, silicone or mineral plasters must be thoroughly dry before painting over, otherwise stress cracks may occur.

Processing

Do not use below 8 °C.

System structure

New construction on untreated substrates

BLENDA®-XIT deep penetrating primer WV-224 or DUROX deep penetrating primer

1–2 x DUROVIT acrylic dispersion interior ELF G-05

Renovation on intact old coats

1–2 x DUROVIT acrylic dispersion interior ELF G-05

Drying

- ◆ Dry after 1–3 hours
- ◆ Can be painted over after about 6 hours
(depending on the temperature, application quantity and humidity)

Dilution

For rolling and brushing 0–5 %, for spraying dilute with up to 10 % water. Dilute with 10–15 % water when painting over plaster.

Extensiveness

4–5 m² per kg per application, depending on the quantity applied and the condition of the substrate.

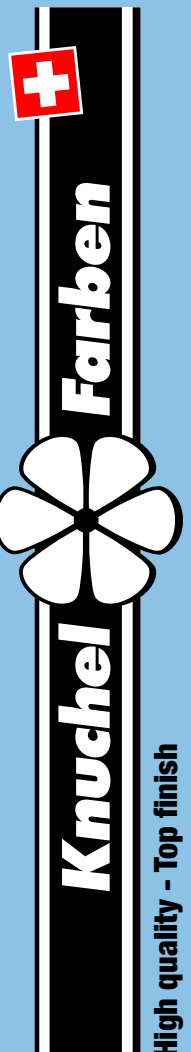
Application

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.

Cleaning

Clean tools with warm water immediately after use. Dried-in residues can only be removed with cleaning thinner or brush cleaner.



Delivery form	Standard colours in packages of 20, 10, 5, 2.5 and 1 kg. Colour shades in the COLORAMA-Mix tinting system in packages of 15, 5 and 2,5 litres as well as 1000ml.
Shelf life	DUROVIT 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.
Viscosity	Paste-like, thixotropic / 4500–5500 mPa.s
Density	1,57 ± 0,05 g/cm ³
Solid content	63 ± 1 %
Binder base	Modified vinyl acetate-ethylene copolymer dispersion
Pigment base	Titanium dioxide, inorganic and organic coloured pigments.
Gloss level	2 % ± 1 at 60° angle
Abrasion resistance	Wet abrasion class 2 according to DIN EN 13300.
Vapour diffusivity	V-value according DIN EN ISO 7783-2: Class 1 (high, sD-value < 0.14 m)
Water absorption	W-value according DIN EN 1062-3: Class 1 (high, > 0.5 kg/(m ² x h ^{0.5}))
Colours	White, RAL 9010 and NCS S 0500-N. The entire range of colours (Knuchel-Inspiration, RAL, Colortrend-E, NCS etc.) is available under the COLORAMA tinting system BLENDAMIX.
Swiss Color Foundation	Environmental label: Class B (Minergie-Eco and ecobau BKP/Devis approved, 1st priority)
Test results	DUROVIT achieves very good adhesion in the proposed system build-up: cross-cut 0–1 (according to DIN EN ISO 2409).
Registration	CPID 279555
Classification	For information on chemical properties and hazards as well as regulations regarding transport, processing, storage, disposal, etc., please refer to the safety data sheet.
Note	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. Furthermore, we refer to our General Terms and Conditions (GTC) on our homepage.