

# DUROLAN

## Acrylic home paint ELF

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VFL  
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### Properties

DUROLAN is a water-dilutable, emission- and odourless living room paint. The cloth-matt interior paint is completely solvent-free, resistant to washing and scrubbing, and convinces with its high covering power (in many cases one coat is sufficient) and its high coverage. DUROLAN is pleasantly easy to apply and can be applied without leaving a trace. The coatings are characterised by low sensitivity to dirt, high adhesion and alkali resistance. The coatings remain breathable and lightfast (no dark or light yellowing).

### Field of application

DUROLAN acrylic home paint ELF 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 DUROLAN acrylic home paint ELF

#### ***Renovation on intact old coats***

1–2 x DUROLAN acrylic home paint ELF

### Drying

- ◆ Dry after about 1 hour
- ◆ Overpaintable after 3–4 hours  
(depending on the temperature, application quantity and humidity)

### Dilution

Water. Dilute with 5–10 % for rolling and brushing. Dilute with 10–15 % for spraying and for painting over plasters.

### Extensiveness

4–5 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.

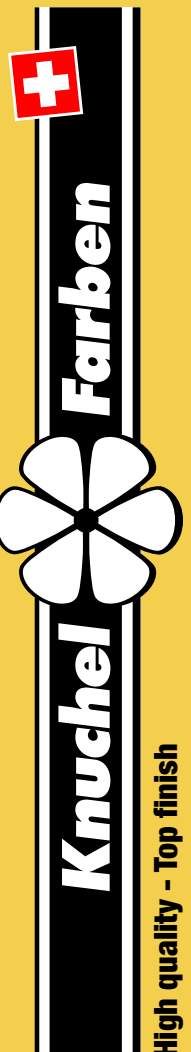
In order to achieve optimum results, it is very important to use the right tools – see KNUCHEL GUIDE on brush and roller qualities. You will find this guide both in the catalogue and on the homepage as an attachment to this product.

### 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.



<b>Shelf life</b>	DUROLAN 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>	Paste-like, thixotropic / 5100–5500 mPa.s
<b>Density</b>	1,70 ± 0,05 g/cm <sup>3</sup>
<b>Solid content</b>	69 ± 1 %
<b>Binder base</b>	Modified vinyl acetate-ethylene copolymer dispersion
<b>Pigment base</b>	Titanium dioxide, inorganic and organic coloured pigments.
<b>Gloss level</b>	Matt
<b>Abrasion resistance</b>	Wet abrasion class 2 according to DIN EN 13300.
<b>Vapour diffusivity</b>	V-value according DIN EN ISO 7783-2: Class 1 (high, sD-value < 0.14 m)
<b>Water absorption</b>	W-value according DIN EN 1062-3: Class 1 (high, > 0.5 kg/(m <sup>2</sup> x h <sup>0.5</sup> ))
<b>Colours</b>	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.
<b>Swiss Color Foundation</b>	Environmental label: Class B (Minergie-Eco and ecobau BKP/Devis approved, 1st priority)
<b>Test results</b>	DUROLAN achieves very good adhesion in the proposed system build-up: cross-cut 0–1 (according to DIN EN ISO 2409).
<b>Registration</b>	CPID 279556
<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>	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.