

DUROMAT

Acrylic exterior dispersion

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VFL
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Properties

DUROMAT is a water-dilutable, matt styrene-acrylic emulsion paint. The coatings are characterised by low sensitivity to dirt, high abrasion resistance and alkali resistance. The coatings remain breathable, lightfast (no dark or light yellowing) and are resistant to ageing (crack-free) thanks to high elasticity. DUROMAT can be applied easily and without build-up, can be repaired without any problems and is economical to use thanks to its high yield and opacity.

Field of application

As a facade paint or as a hard-wearing interior paint for the highest demands (especially as a topcoat paint on synthetic plasters). DUROMAT acrylic exterior dispersion 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. Old coatings must be cleaned (GEIGER SE-1 leachers / PUROL active cleaner concentrate) and tested for adhesion.

Processing

Do not use below 8 °C. Avoid direct sunlight, draughts and excessively warm surfaces (dehydration).

System structure

New construction on untreated substrates

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

2 x DUROMAT acrylic exterior dispersion in the desired shade

Renovation on intact old coats

1–2 x in the desired shade DUROMAT acrylic exterior dispersion

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.

Extensiveness

2–3 m² per kg per application, depending on the quantity applied and the condition of the substrate.

Application

Brush, roller or spray gun.

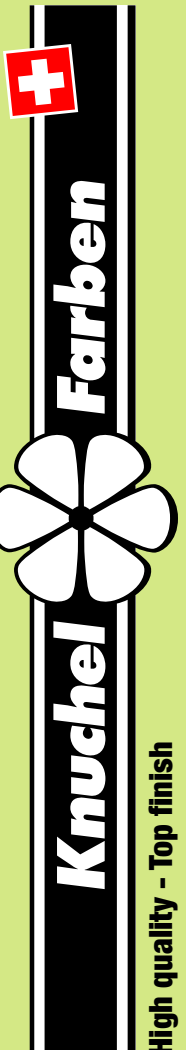
In order to achieve optimum results, it is very important to use the right tools – see KNUCHEL GUIDE on brush and roller qualities. You will find this guide both in the catalogue and on the homepage as an attachment to this product.

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	DUROMAT 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	pasty / 5000–5500 mPa.s
Density	1,46 ± 0,05 g/cm ³ (white)
Solid content	63 ± 1 % (white)
Active substance	<p>DUROMAT is equipped with a preventive film protection (encapsulated active ingredient) against algae and fungus endangered surfaces. The effectiveness depends on the building construction, the ambient conditions and is limited in time.</p> <p>For particularly endangered locations with little solar radiation and air circulation as well as in humid environments (forest, trees, hedges, water bodies) require additional film protection equipment.</p>
Binder base	Styrene acrylic copolymer dispersion
Pigment base	Titanium dioxide, inorganic light- and weather-resistant colored pigments.
Gloss level	Matt < 3 % at 60° angle
Vapour diffusivity	V-value according DIN EN ISO 7783-2: Class 2 (medium, sD-value: 0,14 - 1,40 m) sD value: 0,30 - 0,60 m
Water absorption	W-value according DIN EN 1062-3: Class 3 (low, ≤ 0,1 kg/(m ² x h ^{0.5}))
Colours	<p>White and RAL 9010 off-white.</p> <p>The entire range of colours (Knuchel-Inspiration, RAL, Colortrend-E, NCS etc.) is available under the COLORAMA tinting system BLENDAMIX.</p>
Test results	DUROMAT achieves very good adhesion in the proposed system build-up: cross-cut 0–1 (according to DIN EN ISO 2409).
Registration	CPID 279557
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	<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>