

TECHNICAL DATA SHEET

EDITION: JANUARY 2021
A003 | **DECONYL ECO**
REPLACES ALL EARLIER VERSIONS



DECONYL ECO

ecological emulsion paint for interior use

- high performance
- high coverage
- excellent uniform matt finish

DECONYL ECO is an ecological emulsion paint for interior use, certified by the Hellenic Supreme Council for the Award of the Eco-label (ASAOS) according to the criteria of the EU Eco-labelling Board. During application, the product is odorless. It does not contain ammonia or other dangerous substances as aromatic hydrocarbons, heavy metals or free formaldehyde. This easy-to-apply paint offers a great coverage power, an excellent performance, a high unaltered whiteness and brightness. Apply on new or painted surfaces after preparation, like walls, gypsum, plaster or wood. Creates a uniform mat finish with a great resistance to frequent washing and hard weather conditions. Ideal for painting children's rooms, schools & hospitals.

COVERAGE	12±2m ² /L
FINISH	MATT
THINNING	10-20% WATER
DRYING TIMES	1-2 hours*
RECOATING TIME	2-4 hours*
RECOMMENDED NUMBER OF COATS	1-2 coats
TOOLS	roller, brush or spray airless

* Lower temperatures or higher relative humidity will prolong drying and recoating times.



TECHNICAL CHARACTERISTICS

TYPE	COPOLYMER VAE	
SPECIFIC GRAVITY	WHITE	1.42 ±0.05gr/cm ³
	BASE 01	1.40 ±0.05gr/cm ³
	BASE 02	1.37 ±0.05gr/cm ³
	BASE 03	1.34 ±0.05gr/cm ³
SOLIDS w/w (ISO 3251-03)	60±2 % *	
SOLIDS w/v (ISO 3233-98)	39±3 % *	
VISCOSITY (ASTM D 562-05 @ 25°C)	KU 110±10 *	
APPLICATION VISCOSITY (ASTM D 562-05 @ 25°C)	KU 75±15 *	
pH	8.40±0.3	
HIDING POWER (ISO 3905)	96% 150µm wet film**	
WHITENESS INDEX (ASTM E 313-05)	≥ 89	
YELLOWNESS INDEX (ASTM E 313-05)	≤ 0.5	
WASH/SCRUB RESISTANCE (ASTM D 2486-06)	>8.000 stokes	
GLOSS (60°) (ISO 2813-99)	2.5±1 *	
GLOSS (85°) (ISO 2813-99)	12±3 *	
RECOMMENDED DRY FILM THICKNESS	65µm (±5µm) / 2 coats	
ACCELERATED AGEING RESISTANCE (ASTM D 1849-03)	10/10 (1 month, 50°C)	
APPLICATION TEMPERATURE	min 5°C -max 30°C	

*differs depending on the shade.

**valid only for white.

DIRECTIVE 2004/42/CE

EU Limit value for this product in a ready-to-use condition (cat A/a: Interior matt walls and ceilings: 30 g/L (2010)). This product contains max: 15 g/L VOC.

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paints
for internal walls



SURFACE PREPARATION

Carefully prepare surface to obtain good results. Surface must be clean, dry and free from loose or flaking material, dust, oils and salting.

- ▶ **Surfaces on sound condition:**
Apply 2 coats of DECONYL ECO.
- ▶ **New plaster, concrete, brick, cement:**
 - Prime with FERM (H₂O) or FERM 500. Apply 2 coats of DECONYL ECO.
 - Prime with AQUAFERM. Apply 1-2 coats of DECONYL ECO.
- ▶ **New gypsum board or putty:**
 - Prime with FERM (H₂O) or FERM 500. Apply 2 coats of DECONYL ECO.
 - Prime with AQUAFERM. Apply 1-2 coats of DECONYL ECO.
- ▶ **Old water-based or lime paints:**
Prime with FERM (H₂O) thinned up to 50% with water. Apply 2 coats of DECONYL ECO.

INTENDED USE

	PLASTER
	CONCRETE / CEMENT
	GYPSUM BOARD / PUTTY

APPLICATION

- ▶ Stir well before use and during application.
- ▶ Allow newly poured concrete to cure for 30 days, then prime with FERM (H₂O) before painting with DECONYL ECO.

USEFUL INFORMATION

- ▶ Allow 30-40 days before coating new plaster or concrete.
- ▶ Do not paint when ambient temperature is below 5°C or over 35°C.
- ▶ Allow 20-30 days before washing newly painted surfaces.
- ▶ Tints are created exclusively using DECONYL ECO bases in our COLORTOUCH tinting system. The addition of special COLORTOUCH COLORANTS is indispensable.

PACKAGING

- ▶ White. Containers of 750ml, 3L and 10L.
- ▶ Bases (01, 02, 03): Containers of 750ml, 3L and 10L.

- ▶ Create thousands of different colour tints with our COLORTOUCH Tinting System. To ensure product quality, tint always the Base recommended by D.G.K. Pellachrom Tinting System.

STORAGE

Two (2) years if unopened and stored under normal storage conditions. Once opened, seal well and store in a closed place at room temperature between 5-30°C. Keep tightly closed after application for future use. Store in a cool place. Protect against freeze and direct sunlight.

CLEAN-UP / DISPOSAL

Keep your tools wet inside the can when not painting. Rub excess paint off your tools on the side of the can after paint application. Clean tools with hot water and soap immediately after use. Do not empty washing liquids into the water table. Always handle empty containers and product carefully. Do not pour leftover product down the drain. Strictly follow local, regional, national regulations and legislation on the disposal of products and empty containers.

HEALTH & SAFETY

Read carefully the safety instructions on the label. For more information, consult the Safety Data Sheet.



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DECORATIVE & MARINE COATINGS