

ISOLAC DUCO SATIN

Satin, hard-wearing enamel paint for metal surfaces

Description

Premium quality enamel paint for metal surfaces.. ISOLAC DUCO SATIN is characterized by high hardness and surface coverage while featuring excellent durability against weather conditions and aging. It dries fast to a satin, highly wear- and impact-resistant final surface. Suitable for interior and exterior use

Fields of application

ISOLAC DUCO SATIN is used for indoor or outdoor applications, on new or old metal surfaces, such as doors, railings, machinery and tools.

Technical data

Colors:	white, black and thousands of colors from ISOMAT COLOR SYSTEM & RAL color charts
Type:	alkyd-based enamel paint
Density (White): (EN ISO 2811-11)	1.20±0.03 kg/l
Gloss level (EN 13300): (EN ISO 2813: < 60, angle of incidence 60°)	Satin = 50±10
Viscosity Brookfield (23°C): (EN ISO 2884-2)	800-1,200 mPa·s
Opacity: (2 layers of 100 µm wet) (EN ISO 6504-3)	≥ 98%
Whiteness: (EN ISO 6504-3)	≥ 82%
Adhesion: (EN ISO 4624)	≥ 2.0 N/mm ²
Dry film thickness: (WFT: 100µm) (EN ISO 2808)	45±5µm
Volume solids content:	45±3%

Water vapor permeability: $S_d=10.50\pm0.50m$
(EN ISO 7783- 2: V_3 Low, $S_d \geq 1.4 m$)

Capillary water absorption: $w=0.01\pm0.005Kg/m^2h^{0.5}$
(EN ISO 1062-3: W_3 Low, $w \leq 0.1$)

Drying time: 40min (touch dry)
(EN ISO 9117) 6h (through dry)

Recoat time: 24 h
(EN ISO 9117)

Cleaning of tools:

Remove as much paint as possible from the used tools before cleaning. Clean tools thoroughly with SM-21 or SM-22 immediately after use.

Directions for use

1. Substrate preparation

The substrate should be dry and free of dust, oil, grease, loose particles, etc., while any imperfections should be smoothed down with sandpaper. It should then be primed with ISOLAC RUST PRIMER.

2. Application

Before using ISOLAC DUCO SATIN, stir its content well and apply it in two layers, thinned up to 5% with SM-21 for application by brush or roller and 10-20% with SM-22 for airless spray application.

The second coat is applied after the first coat has completely dried, approximately after 24 hours. Temperature during application and drying of the paint should be between +10°C and +35°C.

Coverage

ISOLAC DUCO SATIN covers up to 15 m²/l per coat, on previously prepared surfaces.

Packaging

ISOLAC DUCO SATIN is available in 0.75 l and 2.5 l containers.

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Shelf life – Storage

24 months from production date if stored in original, unopened packaging at temperatures between +5°C and +35°C. Protect from direct sunlight and frost.

Volatile Organic Compounds (VOCs)

According to Directive 2004/42/EC (Annex II, table A), the maximum allowed VOC content for the product subcategory i, type SB is 500 g/l (2010) for the ready-to-use product.

The ready-to-use product ISOLAC DUCO SATIN contains a maximum of 500 g/l VOC.



2032

ISOMAT S.A.

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DoP No.: ISOLAC DUCO / 1439-01

EN 1504-2

Surface protection products

Coating

Permeability to CO₂: Sd > 50m

Water vapor permeability: Class I (permeable)

Capillary absorption: $w < 0.1 \text{ kg/m}^2 \cdot \text{h}^{0.5}$

Adhesion: $\geq 0.8 \text{ N/mm}^2$

Reaction to fire: Euroclass F

Dangerous substances comply with 5.3

ISOMAT S.A.

BUILDING CHEMICALS AND MORTARS

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