

Technical Information

Durlin Antique ENAMEL

Product description

DURLIN ANTIQUE ENAMEL

is a one-component top coat based on alkyd resins, light-stable and anti-corrosion pigments, fillers and organic solvents.

Features:.

Features:

- Effect of old wrought iron
- Good anti-corrosion properties
- Easy to apply

Purpose

It is used for protection and decoration of metal and wrought iron surfaces such as gates, stair and balcony railings, grilles on doors and windows, garden furniture and wrought iron objects, independently (interior) or in a system with DURLIN METAL PRIMER (exterior).

It is recommended to apply 2 coats of DURLIN ANTIQUE ENAMEL (in the interior) and 1 coat of DURLIN METAL PRIMER and 2 coats of DURLIN ANTIQUE ENAMEL or stand alone 2-3 coats of DURLIN ANTIQUE ENAMEL in the exterior.

Surface preparation

Metal (iron and steel) surfaces

Remove corrosion mechanically, and grease and other impurities with Nitro thinner.

If corrosion is removed with phosphoric acid-based agents, rinse the surface thoroughly with water, dry and then apply paint, as cleaning agent residues prevent drying.

The base coat must be dry, clean and degreased. If the intercoat interval is longer than 24 hours, the surface of the base coat must be lightly sanded before applying the top coat.

Restoration of old coatings

Clean and sand the undamaged coatings, and completely remove the damaged parts. Make a test on a small part of the old coating and check the compatibility with the old coating.

Working conditions

- Air temperature +10°C - +35°C
- Relative air humidity from 20% to 80%
- The surface temperature must be at least 3°C above the dew point



PNEUMATIC SPRAYING

Working viscosity:

25 – 35 s, Ø 4 mm, 23°C

Dilution:

Up to 10% by weight

Nozzle diameter:

1.3 – 1.5 mm

Air pressure:

0.3 – 0.5 MPa

BRUSH / ROLLER

Dilution:

Up to 0 - 5 % by weight

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Note

Used in a product system with:

DURLIN Metal Primer
NITRO Metal Primer
DURLIN Anti-Corrosion Primer

Do not dispose of paint or rinse painting tools in sinks or drains.

The technical data are given in order to achieve optimal results by using products manufactured by KANSAL HELIOS Srbija a.d. Contact our technical service for any additional information. The manufacturer reserves the right to make changes.

Instructions for application

Stir the coating well before use.

Technical data

Type of binder:	Alkyd resin
Method of application:	Brush, roller and pneumatic spraying
Viscosity (DIN 53211):	3.3 – 7.3 PaS (20°C)
Specific weight:	1.38 - 1.42 kg/l
Shades:	4 standard shades
Weight dry matter:	76 ± 2%
VOC:	A(i), 500 g/l; product contains max. 500g/l
Temperature resistance:	
• Short-term	100°C
• Long-term	80°C
Recommended dry film thickness:	60 µm in one layer
Maximum wet film thickness:	140 µm in one coat
Maximum dry film thickness:	80 µm in one coat
Theoretical yield of the coating:	5 - 7 m²/kg depending on the method of application
• For 60 µm dry film:	
Drying (T=+20°C, rel.hum.65%):	
• To dust	30 - 60 min
• To touch	4 - 8 hours
• Completely dry	48 hours
In conditions of lower temperature and higher relative humidity, the drying time is extended.	
Coating interval:	
• Recommended	24 hours
• Minimal	2 to 3 hours with pneumatic spraying, 24 hours with brush or roller
• Maximum	No limits
Thinner:	DURLIN Oil Thinner
Packaging:	1 kg
Storage and shelf life:	Originally closed product, stored in a dry place, protected from direct sunlight (+ 5°C to + 25°C) is usable for 60 months.