

Technical information

Durlin AQUA radiator enamel

Product description

DURLIN AQUA RADIATOR ENAMEL is an ecological, one-component universal water-based coating based on acrylic resins, high quality pigments and additives.

Features:

- High gloss and elasticity
- No unpleasant odors
- Good coverage
- Good flow
- Excellent mechanical properties
- Resistant to moderate temperature

Purpose

It is used for the protection and decoration or reparation of metal radiators, heating pipes and radiators in the exterior and interior. It is applied alone (2-3 coat) or in a system with Durlin Aqua metal primer (1-2 coats of the primer + 1-2 coats of the Durlin Aqua radiator enamel).

Surface preparation

Metal (iron and steel) surfaces

Remove corrosion mechanically, clean and degrease the surface.

The primer coat must be dry, clean and degreased.

Repaint old coatings

Clean and sand undamaged coatings and remove damaged parts completely.

Working conditions

- Air temperature +10°C - +30°C
- Relative humidity 20% to 80%



PNEUMATIC SPRAYING

working viscosity:

40 - 60 s, Ø 6 mm, 23°C

Thinning:

Up to 5 % by weight

Nozzle:

1.3 – 1.5 mm

Air pressure:

0.3 – 0.5 MPa

BRUSH / ROLLER

Thinning:

Up to 5 % by weight

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Note

Used in the system with product:

DURLIN AQUA metal primer

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

Instruction for application

Stir the coating well before use.

Technical data

Type of binder:	Acrylic resin
Method of application:	Brush, roller and pneumatic spraying
Viscosity (DIN 53211):	40 - 60s (Ø 6 mm, 23°C)
Specific weight:	1,25 – 1,27 kg/l
Shades:	White
Dry matter:	52 ± 2%
VOC:	A(i), 130 g/l; product contains max. 100g/l
Temperature resistance:	
• Short - term	100°C
• Long - term	80°C
Dry film thickness:	30 µm per coat
Theoretical yield of the coating:	
• for 30 µm of dry film:	10 - 12 m ² /l 0,100 -0,120 l/m ² per coat
Drying (T=+20° C, rel. Hum.65%):	
• To dust	15 minutes
• To touch	Up to 60 minutes
• Completely dry	24 hours
In conditions of lower temperature and higher relative humidity, the drying time is extended.	
Coating interval:	
• recommended	6 hours
• minimal	4 hours
• maximal	No limit
Thinner:	Water up to 5%
Packaging:	0,65 l
Storage and shelf life:	Originally closed product, stored in a dry place, protected from direct sunlight (+ 5°C to + 25°C) is usable for 24 months