

Technical information

Durlin AQUA metal primer

Product description

DURLIN AQUA METAL PRIMER is eco-friendly, one-component water-based coating based on acrylic resins, anticorrosion pigments, fillers and additives.

Features:

- Protects against corrosion
- Covers and adheres well to metal surfaces
- Spreads well
- No unpleasant odors

Purpose

Intended for protection and decoration of steel structures and metal surfaces. It is applied as a primer in a system with compatible products in a 1 – 2 coat.

Surface preparation

Metal (iron and steel) surfaces

Clean, sand and degrease the surface before application. Parts with corrosion remove mechanically.

Repainting

Clean and sand undamaged coatings and remove damaged parts completely. Test on a small area of the old coating and check for compatibility with the old coating.

Working conditions

- Air temperature: +10°C to +30°C
- Relative humidity 20% to 80%
- Surface temperature must be at least 3°C above the dew point.

Instruction for application

Stir the content well before use.



PNEUMATIC SPRAYING

Working viscosity:

30 - 40 s, Ø 6 mm, 25°C

Thinning:

Up to 10 % 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 products:

DURLIN AQUA enamel
DURLIN AQUA enamel 3/1
UNI
DURLIN AQUA radiator enamel

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.

Technical data

Type of binder:	Acrylic resins
Method of application:	Brush, roller and pneumatic spraying
Viscosity:	40 – 50 s, Ø 6 mm, 25°C
Specific weight:	1,33 – 1,37 kg/l
Shades:	Gray
Dry matter:	50 ± 3%
VOC:	A(i), 140 g/l; product contains max. 100g/l
Dry film thickness:	40 µm per coat
Theoretical yield of the coating • for 40 µm of dry film:	8 - 10 m ² /l depending on the application method
Drying (T=+20° C, rel.hum.65%): • to dust • to touch • completely dry	15 minutes 90 minutes 24 hours
In conditions of lower temperature and higher relative humidity, the drying time is extended.	
Coating interval: • recommended • minimum • maximum	6 hours 4 hours No limit
Thinner:	Water
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