

Technical Information

Durlin Wash PRIMER

Product description

DURLIN WASH PRIMER is a one-component reactive coating based on modified alkyd resins, anticorrosive pigments, phosphoric acid and organic solvents.

Features:

- Protects against corrosion
- Increases the adhesion of coatings on metal surfaces (aluminum, copper, galvanized sheet)
- Great yield

Purpose

It is used as a primer whose role is to ensure the adhesion of the primer to the surfaces of non-ferrous metals, aluminum, copper, zinc and galvanized sheet metal.

A system of 1 coat of DURLIN WASH PRIMER, 1 coat of DURLIN METAL PRIMER and 1-2 coats of DURLIN WOOD AND METAL ENAMEL is recommended.

Surface preparation

Copper, aluminum and zinc surfaces

Clean the surface with NITRO thinner and sand with a synthetic fiber abrasive cloth. Clean the sanding residues with NITRO thinner. The use of a steel brush and metal wool is not allowed.

Galvanized sheet

Clean the surface from corrosion residues and wipe with a 5% solution of ammonia water composed of the mixture (water 10 l, ammonia solution 0.5 l and liquid detergent 10 g), then sand with a synthetic abrasive cloth. Rinse the sanding residues well with water and dry.

Hot-dip galvanized surfaces

Slight sandblasting of the surface is recommended.

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:

In delivery condition

Dilution:

As needed up to 5 % by weight

Nozzle diameter:

1.3 – 1.5 mm

Air pressure:

0.3 – 0.5 MPa

BRUSH / ROLLER

Dilution:

No dilution necessary

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Note

Appropriate base primers
Used in a product system with:

DURLIN Metal PRIMER

Suitable coatings
Used in a product system with:

DURLIN Wood and Metal ENAMEL

DURLIN Radiator ENAMEL

DURLIN Antique ENAMEL

The technical data are given in order to achieve optimal results by using products manufactured by 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:	Polyvinyl butyral, epoxy
Method of application:	Brush, roller, pneumatic spraying
Viscosity (DIN 53211):	30 – 35 s (Ø 4 mm, 23°C)
Specific weight:	0.90 – 0.91 kg/l
Shades:	Light yellow
Weight dry matter:	19 ± 0.5%
VOC:	B(c), 780 g/l; the product contains max 750g/l
Maximum dry film thickness:	15 µm in one coat
Theoretical yield of the coating: • For 15 µm dry film	12 -15m ² /l depending on the surface preparation and method of application
Drying (T=+20°C, rel.hum.65%):	
• To dust	10 – 15 min
• To touch	20 – 30 min
• Completely dry	24 hours
In conditions of lower temperature and higher relative humidity, the drying time is extended.	
Coating interval: • Recommended • Minimal • Maximum	24 hours 6 hours unlimited
Thinner:	NITRO Thinner
Packaging:	1 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 60 months.