

Technical Information

Durlin AQUA wood primer

Product description

DURLIN AQUA WOOD PRIMER is ecological, one-component water-based coating based on acrylic resin, quality pigments, fillers and additives.

Features:

- Excellent sanding
- Good coverage
- Fills minor irregularities in the wood
- No unpleasant odors

Purpose

It is applied as primer sandable coating for the protection and decoration of joinery, paneling, garden furniture, fences and other wooden surfaces in interior and exterior. A system of 1-2 coats of Durlin Aqua wood primer and 1-3 coats of suitable and recommended enamel.

Surface preparation

Wooden surfaces

Sand the dry surface (8-12% moisture) with sandpaper grit 120-180, and top coat with sandpaper grit 240-320. Clean it of dust, wax and resin.

Repainting

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

Working conditions

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

Instruction for application

Stir the coating well before use.



PNEUMATIC SPRAYING

Working viscosity:

35 – 45 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:

0 - 5 % by weight

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Note

Used in the system with product:

DURLIN AQUA enamel
DURLIN AQUA enamel 3/1
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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 resin
Method of application:	Brush, roller and pneumatic spraying
Viscosity (DIN 53211):	40-60 s (Ø 6 mm, 23°C)
Specific weight:	1.37 - 1.41 kg/l
Shades:	white
Dry matter:	60 ± 2%
VOC:	A(i), 130 g/l; product contains max. 50 g/l
Dry film thickness:	30 µm per coat
Theoretical yield of the coating: • for 40 µm dry film:	8 - 10 m ² /l depending on the application method and the porosity of the wooden surface in one coat
Drying (T=+20° C, rel.hum.65%): • to dust • to touch • completely dry • sanding	Up to 15 minutes Up to 60 minutes 24 hours Min 4 – 6 hours
In conditions of lower temperature and higher relative humidity, the drying time is extended.	
Coating interval: • recommended • minimum • maximum	4-6 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