

WW86

WATER-BORNE FAST DRYING PAINT SYSTEM FOR DIFFERENT KIND OF WOOD FURNITURE

AKVI PRIMER MP

AKVI TOP DS 25

The water-borne system WW86 is fast drying paint system for painting of doors, furniture, beds, panels, frames and other wooden surfaces indoors.

Akvi Primer MP is a water-borne fast drying and high solid content acrylate primer. The paint has very good filling properties, excellent hiding power and it is easy to sand.

Akvi Top DS 25 is a fast drying water-borne semi-matt top paint with very good scratch and chemical resistance. Akvi Top DS 25 is tintable in Avatint tintings system.

TYPICAL PAINT SYSTEM

Treatment	Product	Application method	Wet film thickness
Priming	1-2x Akvi Primer MP	Spraying	80-150 g/m ²
Top coat	1x Akvi Top DS 25	Spraying	80-120 g/m ²

PRODUCT PROPERTIES

Solid Content 40 volume-% Akvi Primer MP
39 volume-% Akvi Top DS 25

Specific gravity 1.5 kg/l Akvi Primer MP
1.2 kg/l Akvi Top DS 25

Drying times

	100–120 /m ²	+23°C	+50°C
Akvi Primer MP	Dry to sand Dry to stack	20-30 min 20-30 min	5-10 min 5-10 min
Akvi Top DS 25	Dry to sand Dry to stack	30-60 min 30-60 min	5-15 min 5-15 min

Stacking temperature below +30°C.

Drying and recoating times are related to the film thickness, temperature, the relative humidity of the air and ventilation.

Gloss Semi-matt Akvi Top DS 25

Application methods Airless, air assisted airless and conventional spraying.

Thinner Water.

Cleaning of equipment Water.

Colours Avatint -tinting system.

SURFACE PREPARATION

Dirt, dust and other unfamiliar material must be removed from the surface. Wooden material should be sanded before application with paper grain size 150 – 240. All sanding dust must be removed before application.

APPLICATION CONDITIONS

During application and drying the temperature of the air, paint and surface should be at least +18°C. The relative humidity should not exceed 70%. Good ventilation is needed during drying process.

APPLICATION

Stir Akvi Primer MP carefully before application and thin with water if necessary.

Apply an even coat of Akvi Primer MP (wet film thickness about 80–150 g/m²) and let it dry. Sand the surface with sand paper 240–400 grit and remove sanding dust carefully.

If needed apply second coat of Akvi Primer MP same way as first coat and sand the surface and remove sanding dust.

Stir Akvi Top DS 25 carefully before application and thin with water if necessary. Apply an even coat (wet film thickness about 80–120 g/m²) and let it dry.

The drying time depends of film thickness, temperature, relative humidity and the air ventilation.

Application with airless, air assisted-airless and conventional spray. Nozzle size 0.011–0.015" is recommended. Spraying distance from the object is about 20–25 cm.

MAINTENANCE PAINTING

Wash down the surface with MAALIPESU detergent and rinse carefully with water. Remove old loose paint with scraper. Sand down surface and remove the sanding dust. Stir Helmi or Empire carefully before use. Apply evenly 1–2 coats of paint. Sand down lightly between each coat.

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