

WW51
WATER-BORNE SYSTEMS FOR DIFFERENT KIND OF WOOD FURNITURE

Akvi Primer J **006 5032**
Akvi Top FD 30 **454-S**

The water-borne system WW51 is general use system for painting of doors, furniture, beds, panels, frames and other wooden surfaces indoors. It is especially suitable for painting of panels and frames in fast production lines.

Akvi Primer J is a fast drying water-borne acrylic primer. The paint has good filling properties and it is very easy to sand.

Akvi Top FD 30 is a fast drying water-borne semi-matt paint with very good scratch and chemical resistance. Akvi Top FD 30 is tintable in Avatint tintings system.

TYPICAL PAINT SYSTEM

Treatment	Product	Application method	Wet film thickness
Priming	1-2x Akvi Primer J	Spraying	100–150 g/m ²
Top coat	1x Akvi Top FD 30	Spraying	100–120 g/m ²

PRODUCT PROPERTIES

Solid Content	34 volume-%	(006 5032)
	33 volume-%	(454-s)
Specific gravity	1.4 kg/l	(006 5032)
	1.2 kg/l	(454-s)

Drying times

	100–120 /m ²	+23°C	+50°C
Akvi Primer J	Dry to sand	30–60 min	5–10 min
	Dry to stack	30–60 min	5–10 min
Akvi Top FD 30	Dry to sand	30–35 min	10–15 min
	Dry to stack	30–60 min	10–15 min

Stacking temperature below +35°C.

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

Gloss (ISO 2813/60°)	Semi-matt	(454-s)
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 J carefully before application and thin with water if necessary.

Apply an even coat of Akvi Primer J (wet film thickness about 100–120 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 J same way as first coat and sand the surface and remove sanding dust.

Stir Akvi Top FD 30 carefully before application and thin with water if necessary. Apply an even coat (wet film thickness about 100–120 g/m²) and let it dry.

Application with airless, air assisted-airless and conventional spray. Nozzle size is 0.011–0.013". 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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The product is intended for professional use only and shall only be used by professionals who have sufficient knowledge and expertise on the proper use of the product. The information above is advisory only. To the extent permitted by applicable law, we shall not approve of any liability for the conditions under which the product is being used or for the use or application of the product.

In case you intend to use the product for any other purpose than that recommended in this document without first getting our written confirmation on the suitability for the intended use, such use takes place at your own risk.