

WW32

WATER-BORNE SYSTEMS FOR DIFFERENT KIND OF WOOD FURNITURE

 Akvi Primer
 006 5021

 Akvi Top FD 30
 454-S

The water-borne system WW32 is general use system for painting of doors, furniture, beds, panels, frames and other wooden surfaces indoors. It is also suitable for painting of children furniture.

Akvi Primer is a 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	Spraying	100–150 g/m ²
Top coat	1x Akvi Top FD 30	Spraying	100–120 g/m²

PRODUCT PROPERTIES

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Solid Content	33 volume-%	(454-s)
Solid Content	40 volume-%	(006 5021)

Specific gravity 1.4 kg/l (006 5021) 1.2 kg/l (454-s)

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	100-120 /m²	+23°C	+50°C
Akvi Primer	Dry to sand	20–25 min	5–10 min
	Dry to stack	20–25 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 carefully before application and thin with water if necessary.

Apply an even coat of Akvi Primer (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 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 above information is not intended to be exhaustive or complete. The information is based on laboratory tests and practical experience, and it is given to the best of our knowledge. The quality of the product is ensured by our operational system, based on the requirements of ISO 9001 and ISO 14001. As manufacturer we cannot control the conditions under which the product is being used or the many factors that have an effect on the use and application of the product. We disclaim liability for any damages caused by using the product against our instructions or for inappropriate purposes. We reserve the right to change the given information unilaterally without notice.

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