

WW100
WATER-BORNE POLYACRYLATE TOP PAINT SYSTEM FOR ALUMINIUM COVERED WOODEN WINDOWS
PINJA COMBI AW 20

The water-borne system WW100 is one component top paint system for interior parts of aluminium covered wooden windows and interior doors.

Pinja Combi AW 20 is a fast drying water-borne polyacrylate top paint and it can be used as primer and top paint which results very efficient painting system. Recommended total dry film thickness of this system is minimum 90 µm.

TYPICAL PAINT SYSTEM

Treatment	Product	Application method	Wet film thickness
Priming	1x Pinja Combi AW 20	Spraying	125-150 µm
Top coat	1x Pinja Combi AW 20	Spraying	125-150 µm

PRODUCT PROPERTIES

Solid Content 39 vol-% and 50 weight-%

Specific gravity 1.2 kg/l

Drying times

Product	Wet film 100–120 g/m ²	+23°C	+40°C
Pinja Combi AW 20	Dry to sand Dry to handle	1 h 2 h	30 min 30 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

Application methods Airless and air assisted airless spraying.

Thinner Water.

Cleaning of equipment Water and Tool Cleaner.

Colours NCS S 0502-Y

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 the Pinja Combi well before application and thin with water if necessary. Normally the paint is used in delivery viscosity but max. 10 % thinning with water is possible.

Spray the paint evenly about 125-150 g/m² wet films and let the paint dry. In normal conditions when the temperature is 20 - 30°C the drying time is minimum 1-2 hours.

Sand the surfaces carefully with paper size 240 or 320 and remove the sanding dust.

Apply second layer same way as first layer and let the paint dry minimum 1-2 hours before further processing.

Let the pieces dry in vertical position so that the painted surfaces touch as less as possible to each other. Between the pieces can be placed for instance cardboard or foam plastic to prevent the damages. The temperature must be under 30°C during the storage of the pieces.

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

Application with airless, air assisted-airless 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. Suitable maintenance product for are Helmi and Unica Akva. Stir the paint carefully before use. Apply evenly 1–2 coats of paint. Sand down lightly between each coat.

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