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**WW46** 

## WATER-BORNE WOOD STAIN SYSTEM FOR EXTERIOR WOODEN SURFACES

Pinja Color 316 -Serie Pinja Wood Stain 314 -serie

The water-borne system WW46 is a translucent stain system for exterior wooden claddings, doors, panels, garden furniture, log houses etc.

Pinja Color is a waterborne fast drying semi-transparent wood stain which penetrates deeply into the wood. It has very good water repellent effect which reduces the cracking of the wood. It protects the surface against moisture, sunlight and dirt. Pinja Color is tintable in Avatint tinting system. Pinja Color is not suitable for floors where is hard mechanical wear resistance or strong exposure to weathering.

Alternative product for Pinja Color is Pinja Wood Stain.

Pinja Wood Stain TCW is waterborne fast drying translucent wood stain which penetrates deeply in to the wood and protects wood against moisture, sunlight and dirt. It also decreases the cracking of the wood. Pinja Wood Stain TCW is tintable in Akvi Tone tinting system.

## 2-layer treatment

Treatment	Product	Application method	Wet film thickness
1x priming	Pinja Color	Spraying, dipping, flow coating, vacuum	80–120 g/m²
1x top coat	Pinja Color	Spraying, dipping, flow coating, vacuum	80–120 g/m²

## PRODUCT PROPERTIES

**Solid Content** 12 volume-%, 13 weight-%

**bSpecific gravity** 1.0 kg/l

Gloss Matt

Theoretical coverage 10–14 m<sup>2</sup>/l

**Drying times** Recoatable after 1–2 hours

**Application methods** Dipping, flow coating, spraying, vacuum.

Thinner Water.

Cleaning of equipment Water.

Colours Clear and Avatint tinting system. Valtti Semi-transparent Wood

Finishes colour card.

TIKKURILA OYJ

SURFACE PREPARATION The surface to be treated has to be clean and dry. The moisture content of sawn

timber has to be below 20 %.

APPLICATION CONDITIONS During application and drying the temperature of the air, paint and surface should

be at least +10°C. The relative humidity should not exceed 70%. Good ventilation

is needed during the drying process.

**APPLICATION** Stir Pinja Color carefully before application and thin with water if necessary. The

application viscosity is 11–13 s (DIN4). Apply Pinja Color and check that it covers all the surfaces and that the colour is even. Let the stain dry. In normal conditions

with temperature of 20-30°C the drying time is about 1-2 hours.

Apply second coat same way as first coat..

MAINTENANCE Remove dirt, mould and loose particles from the surfaces. Remove loose oil with

scraper and brush the surface clean with a steel brush. Wash down dirty and mouldy surfaces with Tikkurila Mould Removal or Tehopesu Power Cleaner according to the instructions. Repaint surface according the instructions of maintenance paint. Pinja Color and Valtti Akvacolor suitable products for

maintenance painting. Apply evenly 1-2 coats.

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.

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.