Pinjadur Primer

DESCRIPTION

A two-component water-borne polyurethane primer.

PRODUCT FEATURES AND RECOMMENDED USES

- Proven to have very low water permeability when exposed to outdoor use. The product has been tested as part of various systems according to EN 927 with excellent results. Pinjadur Primer is, therefore, an excellent choice for exterior wooden products, such as doors.
- Adheres very well to wood, MDF and HDF surfaces. The product is easy to sand, thus also ensuring adhesion of the topcoat. The primer can be overcoated both with water and solvent-borne products.
- An excellent ability to slow down the discoloration of topcoats caused by resins. Resistance to bleeding is exceptionally good.
- A fast-drying, easy-to-sand and flexible primer for exterior and interior use.
- Recommended for exterior wooden windows, doors and exterior quality wooden and fibre board surfaces.
- Also recommended for interior furniture, chairs, doors and wooden and fibre board surfaces.

TECHNICAL DATA

Volume solids

40±2% (mixture)

Weight solids

54±2% (mixture)

Specific gravity

1.3 kg/l (mixture)

Mixing ratio

Paint	100 parts by volume	Pinjadur Primer
Hardener	20 parts by volume	008 7605 or 008 7606 (fast)

Pot life (+23°C)

1.5 hours

Recommended spreading amounts and theoretical coverage

Recommended spreading amounts (unthinned)		Theoretical coverage
wet	dry	
130–150 g/m²	40–45 µm	9–10 m²/l

Practical coverage depends on the application method, conditions and the shape and roughness of the surface to be treated.

Drying times

150 g/m²	**+20ºC**	**+50ºC**
Touch dry, after	6h	1h
Dry to sand, after	6–7 h	1½–2 h

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

Gloss

Matt.

Color shades

White

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APPLICATION INSTRUCTIONS

Surface preparation

Clean surfaces from dirt, dust and loose material. Assure that surface is free from mold and blue stain. Wood surfaces must be sanded with sandpaper P150–320. Sanding prior to the next application with sandpaper P240–400. All sanding dust must be removed.

Recommended topcoats

Pinjadur 30, Pinja Flex Combi 25, Pinja Flex Combi 35.

Application conditions

The surface to be treated has to be clean and dry. The moisture content of wood has to be below 18%. During application and drying temperature of the air, substrate and product must be over +18°C and relative humidity of the air below 70%. Good ventilation is required to ensure optimal result. Product can be dried with or without oven.

Mixing components

First stir base and hardener separately. The correct proportions of base and hardener must be mixed thoroughly before use. Use power mixer for mixing. If you use 2-component spray equipment, thin the paint part only. Insufficient mixing or incorrect mixing ratio will result in uneven drying of the surface and weaken the properties of the coating.

Application

For airless spraying, the product is thinned approximately 0–5% to the viscosity 60–70s (DIN4). Recommended nozzle tip is 0.011"–0.015" and pressure 80–140 bar. Spray angle shall be chosen according to the shape of the object.

For air-assisted airless spraying, the product is thinned approximately 0–5% to the viscosity 60–70s (DIN4). Recommended nozzle tip is 0.011"–0.015" and pressure 40–120 bar. Atomising air pressure should be about 1–3 bar. Spray angle shall be chosen according to the shape of the object.

For conventional spraying, the product is thinned approximately 0–10% to the viscosity 50–60s (DIN4). Recommended nozzle tip is 1.4–1.8 mm and pressure 2–3 bar.

Wood contains resin and other colouring extractives especially in knots. Temperature and humidity fluctuations may cause paint coat discolouration in these areas.

Thinners

Water

Cleaning of equipment

Water, Thinner 1109

VOC

The Volatile Organic Compounds amount is 150 g/litre of paint mixture.
VOC content in paint mixture (mixed 10% of water) is 140 g/l.
VOC 2004/42/EC (cat A/j) 140 g/l (2010)

HEALTH AND SAFETY

Containers are provided with safety labels, which should be observed. Further information about hazardous influences and protection are detailed in individual health and safety data sheets.
A health and safety data sheet is available on request from Tikkurila Oyj.

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