

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/m ²	40–45 µm	9–10 m ² /l

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

Drying times

150 g/m ²	+20°C	+50°C
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	<p>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.</p> <p>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.</p> <p>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.</p> <p>Wood contains resin and other colouring extractives especially in knots. Temperature and humidity fluctuations may cause paint coat discolouration in these areas.</p>
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.

For industrial and professional use only.

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.

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.