

# Pinjadur 30

## DESCRIPTION

A two-component, water-borne polyurethane topcoat.

## PRODUCT FEATURES AND RECOMMENDED USES

- An ideal solution for the most demanding environmental conditions. The product has been tested according to EN 927 with outstanding results. The paint is proven to have a very low water permeability when exposed to outdoor use. It is, therefore, an excellent choice for exterior doors and windows.
- Repels dirt on the surface, thus helping it retain its appearance. The paint has been especially developed for exterior wooden surfaces such as doors and window frames.
- Forms an even and tight film, which protects the surface from resin and knot bleeding. The color of the surface remains even and flawless.
- A durable, easy to clean and non-chalking topcoat.
- Excellent gloss and colour retention in climatic stress.
- Can be cured at higher temperatures.
- Suitable for fibre cement flat sheet and wooden surfaces in exterior premises.

## TECHNICAL DATA

### Volume solids

44±2% (mixture)

### Weight solids

59±2% (mixture)

### Specific gravity

Approx. 1.3 kg/l (mixture)

### Mixing ratio

Base 4 parts by volume Pinjadur 30  
 Hardener 1 part by volume 008 7606 (fast) or 008 7605

### Pot life (+23°C)

2 hours

### Recommended spreading amounts and theoretical coverage

Recommended film thicknesses		Theoretical coverage
wet	dry	
90µm	40µm	10.7 m <sup>2</sup> /l
135µm	60µm	7.2 m <sup>2</sup> /l
180µm	80µm	5.4 m <sup>2</sup> /l

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

### Drying times

DFT 40µm	+15°C	+23°C	+50°C
Dust dry, after	3h	2h	1h
Touch dry, after	5h	4h	1h
Dry to sand, after	24h	8h	2h

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

### Gloss

Semi-matt.

### Color shades

RAL, NCS, SSG, BS, MONICOLOR NOVA and SYMPHONY colour cards. Temaspeed Fonte tinting

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## APPLICATION INSTRUCTIONS

<b>Surface preparation</b>	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.
<b>Recommended primers</b>	Akvi Primer, Fontecoat EP 50, Pinjadur Primer.
<b>Recommended topcoats</b>	Pinjadur 30.
<b>Application conditions</b>	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 +15°C and relative humidity of the air below 80%. Good ventilation is required to ensure optimal result. Product can be dried with or without oven.
<b>Mixing components</b>	First stir base and hardener separately. The correct proportions of base and hardener must be mixed thoroughly before use. Use power mixer for mixing. Insufficient mixing or incorrect mixing ratio will result in uneven drying of the surface and weaken the properties of the coating.
<b>Application</b>	<p>For air-assisted airless spraying, the product is thinned approximately 0–10% to the viscosity 30–70s (DIN4). Recommended nozzle tip is 0.011"–0.013" and pressure 160–200 bar. Atomising air pressure should be about 1–2 bar. Spray angle shall be chosen according to the shape of the object.</p> <p>For conventional spraying, the product is thinned approximately 3–10% to the viscosity 30–50s (DIN4). Recommended nozzle tip is 1.4–1.8 mm and pressure 3–4 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>
<b>Thinners</b>	Water
<b>Cleaning of equipment</b>	Water, Thinner 1109
<b>Storage</b>	Opened and/or tinted packaging has more limited shelf life than unopened and untinted packaging.
<b>VOC</b>	The Volatile Organic Compounds amount is 134 g/litre of paint mixture. VOC content in paint mixture (mixed 10% of water) is 125 g/l. VOC 2004/42/EC (cat A/j) 140 g/l (2010)

<b>HEALTH AND SAFETY</b>	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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### 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.