

# Pinja Flex Combi 25

## DESCRIPTION

A one-component water-borne polyacrylate paint with excellent adhesion properties.

## PRODUCT FEATURES AND RECOMMENDED USES

- A fast-drying exterior paint for windows and doors. The paint forms an elastic film with low water permeability properties. These attributes help the product protect wood against moisture and dirt.
- Excellent adhesion to bare wood. The possibility to use the product both as a primer and a topcoat results in more efficient production. Good hiding power and filling properties ensure the high quality of the dry paint film.
- Beautifies wooden windows and front doors with thousands of durable colors.
- The M1 classification for low-emitting building materials has been granted by the Finnish Building Information Foundation RTS.
- Expected service time 10 years in outdoor industrial environment of mild climate (GOST 9.401-2018), report N202-1273E-2019.
- Suitable for wooden window frames and front doors.



## TECHNICAL DATA

**Volume solids** 39% (A base)  
34% (C base)

**Weight solids** 50% (A base)  
42% (C base)

**Specific gravity** 1.22 kg/l (A base)  
1.14 kg/l (C base)

### Recommended spreading amounts and theoretical coverage

Recommended spreading amounts (unthinned)		Theoretical coverage
wet	dry	
155 g/m <sup>2</sup>	50 µm	8–9 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

100–120 g/m <sup>2</sup>	+20°C	+50°C
Dry to sand, after	1 h	½ h
Dry to handle, after	2 h	1 h

Stacking temperature below +30°C.

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

### Gloss

Semi-matt.



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### Color shades

The shades on the Wooden Facades colour card for exterior use. RAL and NCS color cards. Avatint tinting system.



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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>	Pinjadur Primer, Pinja Flex Combi 25, Pinja Wood Stain, Pinja Indeep.
<b>Application conditions</b>	The surface to be treated has to be clean and dry. The moisture content of wood has to be below 20%. 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.
<b>Application</b>	<p>For airless spraying recommended nozzle tip is 0.011"–0.015" and pressure 80–160 bar. Spray angle shall be chosen according to the shape of the object.</p> <p>For air-assisted airless spraying recommended nozzle tip is 0.011"–0.015" and pressure 40–120 bar. Spray angle shall be chosen according to the shape of the object.</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>Cleaning of equipment</b>	Water or Tikkurila Tool Cleaner.
<b>Storage</b>	Opened and/or tinted packaging has more limited shelf life than unopened and untinted packaging.
<b>VOC</b>	According to VOC Directive 2004/42/EU the product subcategory A/d VOC limit (1.1.2010) is maximum 130 g/l. VOC content of the "Pinja Flex Combi 25" is 30±10 g/l.

**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 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.

