

INNOCOAT V185 APPLICATION GUIDE

This guide relates specifically to the application of Innowood InnoCoat V185 on Innowood Board. The guide must not be used for any other purpose such as the coating of any other product including non-Innowood composite materials.

Innowood Board Surface Preparation:

****Precaution - Before coating, ensure that the appropriate protective clothing and mask have been fitted.**

- **If the Innowood Board was previously coated with an unknown coating;**
 1. Remove the existing coating thoroughly by orbital sanding using 80 grit paper followed by 120 grit paper. Avoid over-sanding.
 2. Blast down with water to ensure the surface to be painted is free of dust & debris.
 3. Allow the surface to dry completely before coating with V185.

- **If the Innowood Board was previously coated with InnoCoat and;**
 - A. If the original coating is in sound condition without any flaking, peeling or oxidization (indicated by white spots or patches on surface):
 1. Gently scuff using 120 grit sandpaper.

 - B. If the original coating is in sound condition without any flaking or peeling but oxidization is visible on the surface:
 1. Gently scuff using 120 grit sandpaper.
 2. Thoroughly remove all oxidization by scrubbing with Dulux 120 Thinners and a rag and allow to dry.
 3. Clean entire surface with V101 Thinners.

 - C. If original coating is showing signs of flaking and/or peeling:
 1. Sand to remove unsound areas of coating using 80 grit followed by 120 grit.
 2. Remove any loose particles by gently scuffing entire surface using 120 grit sandpaper.
 3. Any areas where the bare board is exposed need to be sanded using 80 grit paper followed by 120 grit paper, ensuring the surface is smooth.
 4. Ensure no oxidization is visible after sanding.
Note: Take Care not to sand too deep as the board appearance may alter.

Note: If unsure of previous coating type please contact INNOWOOD to discuss.

Application of InnoCoat V185 on Innowood Board:

Apply with	Roller	AIRLESS OR CONVENTIONAL SPRAY
	Small to medium jobs use 10mm nap microfibre professional quality rollers. For small areas use a brush, but apply professionally, taking care not to overwork the surface.	Choose the right size tips and adjust the pressure to get ideal atomization for the application.
Application:	Depending on temperature at the time of coating, thin the material up to maximum 40% as necessary by volume with V112 Slow Thinners. Apply first coat, to achieve 120 – 150 Microns WFB (wet film build). After 2 hours apply the second coat to again achieve a WFB of 120 - 150 Microns. This should be checked with a Wet Film Thickness Gauge.	It is desirable to apply the coating not too thick per coat in order to avoid sagging. If the spray facility cannot handle high viscosity, V112 slow thinners may be added as necessary. Depending on the temperature, thinner addition should be controlled at 10% - 20% of the volume of the coating.
Number of Coats	For some coating colours a 3 rd coat may be needed. Remember if the first coat is applied too thick it may result in a patchy look and also too many thin coats may result in a slightly darker and deeper colour. Multiple coats colour will not affect its final properties, however the final colour may appear deeper.	Apply 2 coats at a WFT (Wet Film Thickness) of 120 - 150 microns per coat. The WFT should be controlled as even as possible in order to achieve even gloss level and colour after the coating has dried. Between the coats ensure the first coat is free of contaminants such as dirt, salt and grease.
Coverage Rates:	Theoretical coverage 4m ² per litre @ 70 Microns DFT (Dry Film Thickness) which is equal to 2 coats at 120-150 Microns WFB.	Theoretical coverage 4m ² per litre @ 70 Microns DFT (Dry Film Thickness) which is equal to 2 coats at 120-150 Microns WFB. Note: a wastage factor of at least 20% should be added for overspray
Drying / Curing time:	Touch dry 2 hours, through dry 12 hours, full cure 72 hours at 25°C	Touch dry 2 hours, through dry 12 hours, full cure 72 hours at 25°C
Recoat Time:	Minimum 2 hours, but no longer than 72 hours @ 25°C is the recoat window before subsequent coat to be applied.	Minimum 2 hours, but no longer than 72 hours @ 25°C is the recoat window before subsequent coat to be applied.
Clean Up With:	Thinner V112	Thinner V112
Pack Size	1, 4 and 20 L	1, 4 and 20 L

Packing Notes:	<p>If packing after coating – The coated composite timber should be allowed to cure in ambient conditions (25°C) for a minimum of 72 hours before stacking and packing together. During cooler temperatures this may take longer. It is the applicator’s responsibility to ensure the paint film is properly cured.</p> <p>A blocking test should be done initially to make sure there is no marking. Protective plastic foam should be used between layers/stacks of the coated composite timber in order to avoid damage. Peelable plastic film should <u>not</u> be used for this purpose.</p>
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PRECAUTIONS:

- It is always advisable to do a test on a small area before applying V185 to the job, to ensure its final application properties.
- To ensure adequate surface protection, the recommended coverage rate should be maintained. Do not add extra thinner to the product to increase coverage.
- Do not apply in temperatures above 40°C or below 5°C
- Do not apply if light rain or dew is expected within 4 hours of application or if humidity is more than 75%.
- The coated surface should be allowed to cure for at least 12 hours at 25°C before exposure to heavy rain.
- In case of decking application, give minimum of 24 hrs @ 25°C before any light traffic and 72 hours @25°C before any heavy traffic.
- Avoid applying the coating in direct hot sun light, however if the **surface** temperature is not more than 40°C, coating in this condition should not affect the final result provided the application is workable in the conditions. The product “Flashes off” quite quickly therefore lap marks may be difficult to control in direct sun.
- The above procedure is provided as an application guide. It should not be regarded as a specification or warranty condition.
- If unclear on any of the information contained in this document, contact Innowood’s Technical Department on 1300 787 717 for assistance.