

SpecWood WB 2K PU Invisible

INTERIOR & EXTERIOR

WATER BASED

Description:

A two component, water based & highly durable polyurethane coating with a transparent finish that keeps the natural look & feel of the wood.

Intended Uses:

SpecWood WB 2K PU Invisible is designed for application to wood surfaces, paraquet floors, cork floors & solid wood floors as a protective coating against wear & tear, weathering, chemicals & abrasion. Once applied, the natural look & feel of the wood is maintained. The virtually invisible layer keeps the original colour of the wood with no grain accentuation.

Features & Benefits:

- Keeps natural look & feel of wood with no grain accentuation.
- Excellent abrasion & scratch resistance.
- Excellent weathering resistance.
- Highly elastic coating.
- Excellent chemical resistance.
- Can be easily cleaned & resistant to staining.
- Excellent humidity/moisture resistance.
- Contains Zero VOC's.

Certifications:

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Technical Data:

Product Physical Form	Liquid	
Binder Type	Modified polyurethane	
Colour	Transparent	
Appearance	Natural/Raw Wood	
Comp. A	Name:	SpecWood WB 2K PU Invisible (Comp. A)
	Density (Kg/ Litre):	1.05 ± 0.05
	Volume Solids:	30 ± 2%
	Pack Size:	900ml & 4.5 Litre
Comp. B	Name:	SpecWood WB 2K PU Invisible Hardener
	Density (Kg / Litre):	1.08 ± 0.05
	Volume Solids:	75 ± 2%
	Pack Size:	100 & 500 ml
Mixed	Density (Kg/ Litre):	1.05 ± 0.05
	Volume Solids:	35 ± 2%
	Mixing Ratio (Volume):	9 : 1 (Comp. A : Comp. B)
	Viscosity (Seconds):	RFU
	Pack Size:	1 & 5 Litre (Kit – Comp. A & Comp. B)
Diluent	RFU (No diluent required)	
Recommended WFT	85 – 100µm (Wet Film Thickness)	

WOOD & FURNITURE COATINGS: POLYURETHANE WATERBORNE

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Whilst we endeavour to ensure that all advice we give about the product is correct, the information given in this data sheet is not intended to be exhaustive and any person using the product for any purpose other than that specifically recommended in this sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so entirely at his own risk. As conditions of use, method of application and suitability of the substrate prior to painting are beyond our control, no guarantee is implied by the recommendations contained herein. We therefore do not accept any liability whatsoever or howsoever arising from the performance of this product or for any loss or damage arising out of the use of this product. The information contained in this sheet is liable to modification from time to time in the light of experience and ongoing product development programmes. It is the user's responsibility to ensure that this sheet is current prior to using the product

Latest Update:
22/06/2026 (v3)
Issue Date:
02/09/2022

Recommended DFT	30 – 35µm (Dry Film Thickness)
Spreading Rate	10 – 12 m ² / Litre per coat
Number of Coats	Minimum 2
Method of Application	Brush, roller & spray
Storage	Store out of direct sunlight in dry conditions between 15°C and 25 °C
Shelf Life	12 months when stored as recommended in original un-opened containers

Important Information:

- Always consult with technical department if unsure

Surface Preparation:

In general, the following guidelines for preparation should be adhered to. Always consult for a detailed specification.

- The areas to be coated should be dry, firm, solid and free from dust, oil, fats, and other contaminants.
- Wood moisture content must be max 12%

Substrate	Cleaner/Preparation	Primer
Wood Surfaces	Wood surfaces can be cleaned using SpecWood Cleaner then completely sanded properly using 320 grit or finer sandpaper	Not required

Application:

Mixing	It is important that mixing ratios are carefully followed, or a full kit must be mixed at once. Start by mixing Comp. A with a flat paddle or electrical mixer to ensure a uniform mixture. Once well mixed, add Comp. B while stirring slowly, avoid mixing air. Mix well for 3 minutes.		
Mix Ratio	9 : 1 (Comp. A : Comp. B)		
Pot Life @ 20°C	6 Hours		
Application Tools	Brush, roller or spray		
Application	Spray, Roller Or Brush:		
	Spreading Rate	10 – 12 m ² / Litre per coat	
	Recommended WFT (per coat)	Min 85µm	Max 100µm
	Recommended DFT (per coat)	Min 30µm	Max 35µm
	Number of Coats	Minimum 2	
	Extra Information	-	
Diluent	RFU (No diluent required)		
Work Stoppage	Do not allow material to remain in spray equipment after use, thoroughly flush and clean all equipment with Solvent EA . Once the kit has been mixed, they should not be re-sealed and it is advised that of prolonged stoppages, work recommences with freshly mixed units		
Clean Up	Clean all equipment immediately after use with Solvent EA . It is advisable to periodically flush out spraying equipment during the course of the working day. Frequency of cleaning is dependant of upon the amount sprayed, temperature and elapsed time. Work strictly in accordance with the specified pot life of the material.		

Application Environment:			
	Surface Temperature	Ambient Temperature	Relative Humidity
Minimum	15°C	20°C	No lower limit
Maximum	35°C	30°C	85%

Drying & Overcoating Information:	
Touch Dry	30 min @ 25°C
Sanding	2 hours @ 25°C
Stacking	4 – 6 hours @ 25°C
Overcoating Time	2 hours @ 25°C
Full Cure	7 days @ 25°C
Extra Information	• If overcoating time has been exceeded. It is necessary to sand the first coat using a P320 or finer sandpaper before applying second coat. Sanding residue must be thoroughly & carefully removed prior to applying the scond coat.

Systems:

Consult with Specialized Coating System for application specific recommendations.

Safety Information:

- Refer to product SDS for health & safety prior to using products.
- Always wear safety clothing / protection. Respirators, eye protection & skin protection.