

SpecWood® WB Roller Coater Filler Primer HIGH PERFORMANCE

High performance, High Solid water based acrylic primer for wood surfaces

Description:

A one component waterborne, acrylic primer/surfacer formulated for application by roller coater / extrusion

Intended Uses:

For use on all wood type surfaces including MDF. It is used to seal / prime these surfaces to protect against moisture and mechanical damage. It provides high filling characteristics which hide minor surface imperfections. It will provide excellent sanding characteristics.

This high-quality product provides outstanding coverage / yield, reducing the total number of layers required to achieve complete obliteration.

The rapid drying properties means that the painted surface can be sanded quickly and overcoated quickly. It has outstanding early block resistance allow for fast stacking of coated surfaces as well as early wrapping / handling of painted surfaces.

It has very high whiteness, a subtle sheen and smooth feel.
It is overcoatable immediately or after time with most topcoats.

Features & Benefits:

- No odour and non-hazardous.
- Non-flammable.
- Fast drying.
- Excellent flow and wetting properties.
- Excellent Adhesion
- Excellent pore filling properties.
- Excellent durability.
- Good reparability.
- Good stain and heat resistance.
- Good resistance to household chemicals.
- Good moisture resistance.

Technical Data:

Colour	White
Physical Form	Thixotropic Coloured Liquid
Finish	Smooth medium sheen
Non-Volatile (%) by Mass	60 ± 2%
Density @ 25°C	1.32 ±0.05 Kg/ Litre
Viscosity @ 25°C	90 ±10 KU
PH	9 ± 0.5
Mix Ratio (Volume)	N/A – One component
Pot Life	N/A
Typical WET Film Thickness	70 – 150 g/m² per coat wet (WFT = 55 – 110µm)
Typical DRY Film Thickness	25 – 50µm per coat
Typical Spreading Rate	10 – 20 m²/L per Coat
Method of Application	Specialized roller coater

WOOD & FURNITURE COATINGS: ACRYLIC WATERBORNE LACQUERS

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Latest Update:
03/06/2026 (v2)
Issue Date:
07/06/2024

Drying Information:

At max film thickness

	0°C	5°C	10°C	25°C	30°C	40°C
Touch Dry	-	-	-	10 min	-	-
Sand	-	-	-	30 min	-	-
Stackable	-	-	-	1 hrs	-	-
Thorough	-	-	-	1 day	-	-
Overcoating Data – See Limitations						
Substrate Temp.	0°C	5°C	10°C	25°C	30°C	40°C
Minimum	-	-	-	30 mins	-	-
Maximum	-	-	-	48 hrs	-	-

Surface Preparation:

All pre-sealed surfaces to be coated must be dry, clean, and free from contamination. Prior to application the surface should be sanded to a smooth finish with fine sandpaper, working in the direction of the grain.

All sharp edges must be rounded off, ensure substrate is then free of dust by blowing with compressed air or making use of clean rags before application of coating.

- 150 – 180 grit with raw wood & steel.
- 320 – 400 grit with foil, melamine, filler-coated/primed substrates.
- 320 – 400 grit for intermediate lacquer sanding.

If coating with high gloss intermediate sanding of 600 – 800 grit is recommended.

Application:

Mixing	Material is supplied in full containers. Stir the base component well with a flat-bottomed paddle or mechanical mixer until product is uniform. The temperature of the mixed product should preferably be above 15°C.	
Roller Coater	Recommended	
Thinner	Water	Not required, but if necessary up to 10%
Cleaner	SA65 Thinner	For dry paint & equipment
Work Stoppage	Do not allow material to remain in spray equipment after use, thoroughly flush and clean all equipment with Water . 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 water. It is advisable to periodically flush out equipment during the course of the working day. Frequency of cleaning is dependant of upon the amount applied, temperature and elapsed time.	

Environment:

	Surface Temperature	Ambient Temperature	Relative Humidity
Minimum	10°C*	15°C	No lower limit
Maximum	35°C**	45°C	85%

* Or 3°C above dew point

** Higher temperatures result in reduced sag resistance and faster cure.

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Limitations:

- Viscosity determines the flow properties, sag resistance, consistency of finish such as gloss levels etc.
- For best results bring the material temperature between 20 – 30°C, unless specifically instructed otherwise, prior to mixing with and application.
- This product is not suitable for immersion conditions or exterior exposure.
- Unmixed material (in closed containers) should be maintained in protected storage in accordance with information given in the STORAGE section of this data sheet.
- Technical and application data herein is for the purpose of establishing a general guideline of the coating application procedures.
- Test performance results were obtained in a controlled laboratory environment and Specialized Coating Systems makes no claim that the exhibited published test results, or any other tests, accurately represent results found in all field environments. As application, environmental and design factors can vary, due care should be exercised in the selection and verification of the performance and use of the coating.

Pack Size:

20 Litre

Storage:

- Shelf Life: 12 months at 25°C from date of manufacture. Subject to inspection thereafter.
- Store in dry conditions out of direct sunlight, away from sources of heat or ignition.

Precautions:

For complete safety and handling information please refer to the appropriate Safety Data Sheets prior to using this product.