

SpecWood WB Roller Coater Filler Primer STANDARD

Performance 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.

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

It has 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.
- Good durability.
- Good reparability.
- Good stain and heat resistance.
- Good resistance to household chemicals.
- Good moisture resistance.

Technical Data:

Colour	White	
Density	1.38 Kg/ Litre	
Volume Solids	60%	
Mix Ratio (Volume)	N/A – One component	
Pot Life	N/A	
Typical Film Thickness	70 – 150 g/m ² per coat wet	50 – 108µm (Wet Film Thickness) per coat
		30 – 64µm (Dry Film Thickness) per coat
Spreading Rate	9.3 – 20 m ² / Litre per coat, allowance should be made for site application losses & surface profile/porosity.	
Method of Application	Specialized roller coater	
Viscosity	For Roller Coater	

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.

WOOD & FURNITURE COATINGS: ACRYLIC WATERBORNE LACQUERS

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

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.