

TECHNICAL DATA SHEET

TU0205/13
WHITE POLYURETHANE BASECOAT

Area of use:	Picture frames, cabinets, furniture, millwork		
Method of use:	Conventional or electrostatic spray gun, small size curtain coater		
Mixing procedure for spraying:		By weight (kg)	by volume (l)
Part A	TU0205/13	100	100
Part B (hardener)	TH0720/00 (old) or THL072100 (new)		
		50	50
Thinner	R6K18 Butyl Acetate	20-30	30-40
Retarder	Retard with R6K35 up to 5%		

Technical characteristics

Solids content (%):	Weight Solids 68 ± 1 / Volume Solids 50 ± 1	
Specific gravity (kg/l):	1.342 ± 0.030	
Viscosity (Zahn #2 at 68°F)*:	A + B: 24 ± 2 seconds	
Resistivity (Mohm/cm):	20 ± 5	
Pot-life at 68°F:	90 minutes	
Recommended wet film thickness:	3.0 – 6.0 mils	
Number of coats:	2 maximum	
Interval between coats:	30 minutes minimum, 2 hours maximum	
Spread Rate:	500 sq. ft./gal @ 1.0 mil DFT, No loss	
Drying time(at 68°F):	Dust free	5 - 10 minutes
	Touch dry	20 - 30 minutes
	Stackable	4 hours
Sanding:	12 hours	
Overcoating:	12 hours	
VOC (Theoretical as packaged, maximum):	3.61 lb./gal, 433 g/L (less exempt solvents)	
VOC (Catalyzed and reduced, maximum):	4.97 lb./gal, 596 g/L (less exempt solvents)	
VHAPS (Catalyzed and reduced, maximum):	0.31 lb./lb. of solids	
Shelf-life:	Part A: Unopened, 36 months. Part B: Unopened, 12 months. After long periods of storage, always check homogeneity and stir well before use to eliminate any possible sediment.	
Tint recommendation:	Can be tinted up to 4 ounces per gallon maximum using Phoenix® colorants	

*WARNING: Actual viscosity of some pigmented and/or thixotropic products may differ from the viscosity shown on the Technical Data Sheet. Differences are to be considered acceptable if within 30%.

General characteristics

TU0205/13 provides:

- High speed of drying, allowing early recoating with topcoat
- Excellent manual sandability
- High thixtropy and hence reduced dripping at the bottom edge of picture frames or into convex parts
- Improved building/hiding power on sharp edges
- Uniform absorption between grainy and compact parts of wood

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Substrate preparation

Wood – New Work (interior only): Must be clean, dry and finish sanded. Substrate should be free of grease, oil, dirt, fingerprints and any contamination. Moisture content of wood should be 6-8%.

Previously finished wood (interior only): Strip old finishes completely and remove all contaminants from the surface. Make sure surface is dry. Finish as new work.

Testing

The information, data, and recommendations set forth in this Product Data Sheet are based upon test results believed to be reliable. However, due to the wide variety of substrates, substrate properties, surface preparation methods, equipment and tools, application methods, and environments, the customer should test the complete system for adhesion, compatibility and performance prior to full scale application.

FOR INDUSTRIAL SHOP APPLICATION ONLY

Thoroughly review product label and Safety Data Sheet (SDS) for safety information and cautions prior to using this product. To obtain the most current version of the Environmental Data Sheet (EDS), Product Data Sheet (PDS), or Safety Data Sheet (SDS) please visit your local Sherwin-Williams facility or www.paintdocs.com

Please direct any questions or comments to your local Sherwin-Williams facility or 1-877-705-2681.

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