

TECHNICAL DATA SHEET

TU0020/00
CLEAR POLYURETHANE HARMONISING BASECOAT – HIGH BUILD

Area of use:	Cabinets, wood trim, furniture		
Method of use:	Conventional and electrostatic spray guns, fixed spray guns; curtain coater for small surfaces.		
Mixing procedure for spraying:	By weight (kg) by volume (l)		
Part A	TU0020/00	100	100
Part B (hardener)	THL0728 or THL0721*	50	50
Thinner	R6K18 Butyl Acetate	20-30	20-30
*THL0721 catalyst is recommended for lighter colors			

Technical characteristics

Solids content (%) as packaged:	Weight Solids: 53 ± 2 Volume Solids: 44 ± 2
Solids content (%) as applied (catalyzed, no reduction):	Weight Solids: 44 ± 2 Volume Solids: 36 ± 2
Viscosity (Zahn #2 at 68°F)*:	30 ± 2 seconds, A + B mixed
Pot-life at 68°F:	3 hours
Recommended wet film thickness per coat:	3.0 – 5.0 mils
Number of coats:	2 maximum
Interval between coats:	30 minutes minimum – 2 hours maximum
Drying time(at 68°F):	Dust free 10 minutes Touch dry 25 minutes To Sand 60 minutes To Topcoat 90 minutes
Forced drying:	Flash off 10 minutes 122°F 30 minutes Cooling 10 minutes
VOC (theoretical as packaged, maximum):	4.07 lb/gal, 487 g/L (less exempt solvents)
VOC (catalyzed, no reduction):	4.64 lb/gal, 557 g/L (less exempt solvents)
VHAPS (catalyzed, no reduction):	0.65 lb/lb of solids
Shelf-life:	Part A: 36 months, unopened. Part B: 12 months, unopened. After long periods of storage, always check homogeneity and stir well before use to eliminate any possible sediment.
An Environmental Data Sheet is available from your local servicing facility or at www.paintdocs.com	

*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

- Fast drying. Can be sanded after 60 minutes and overcoated with SC41 Series topcoat after 90 minutes.
- Good manual and scotch-brite sandability

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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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