

# TECHNICAL DATA SHEET

**TZ99 \*\*/BB**
**POLYURETHANE WHITE CONVERTOR/TOPCOAT**

 TZ9905/BB White (5 sheen)  
 TZ9935/BB White (35 sheen)

 TZ9910/BB White (10 sheen)    TZ9925/BB White (25 sheen)  
 TZ9950/BB White (50 sheen)    TZ9985/BB White (85 sheen)

Versions:	5, 10, 25, 35, 50, 85 sheen		
Area of use:	Flat parts, furniture, profiles		
Method of use:	Airmix and airless spray guns		
Mixing procedure:		<b>By Weight (kg)</b>	<b>By Volume</b>
	Part A	<b>TZ99**/BB</b>	100
	Part B (Max. Non-Yellowing)	<b>THL0721000</b>	65
	Thinner / Reducer	<b>DT Series*</b>	30-50
Slow - Retarder	<b>DT6K35000</b>	3-5	3-5

 (\*) **Fast** = DT7KB2900    **Medium** = DT6K18000    **Slow** = DT6K35000.

See Sayerlack Thinner Reduction Guide for additional blends and blending guidance

### Technical characteristics

Solids content (%):	As packaged	Weight Solids 65 ± 2 / Volume Solids 60 ± 2
Specific gravity (kg/l):	As packaged	1.350 ± 0.030
Viscosity (Zahn #2 at 68°F)*:	A + B: 24 ± 3 seconds	
Pot-life at 68°F:	4 hours	
Recommended wet film thickness:	3.0 mils	
Spread Rate:	850 – 994 sq. ft./gal @ 1.0 mil DFT, No loss	
Drying time (at 68°F):	Dust free	5-10 minutes
	Touch dry	30-40 minutes
	Stackable	24 hours
Forced drying (at 3 mil WFT):	Flash off	15-20 minutes
	Hot air at 120°F	45-60 minutes
VOC (Theoretical as packaged, maximum):	4.45 lb./gal, 534 g/L (less exempt solvents)	
VHAPS (Theoretical as packaged, maximum):	0.59 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 and possible sediment.	
Tint recommendation:	Can be tinted up to <b>5% by volume</b> with <b>TP2009/XX</b> Universal Solvent-Based Pastes Aromatic Free	

\*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%.

**TZ99\*\*/BB Polyurethane White Convertor/Topcoat** is a pigmented topcoat with excellent flow on flat parts and excellent hiding power on edges.

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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

**Prime:** Prime wood with white polyurethane primer such as **TU0205/13** Polyurethane Basecoat White

**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.

## Tinting Notes:

TZ99\*\*/BB has been specifically formulated for tinting systems. TZ99\*\*/BB bases must be tinted and applied with solvent-based Universal Pigments; TP2009/XX added. The addition of organic pigmented pastes implies longer drying times, lower hardness as well as lower hiding power than inorganic pigmented pastes. Moreover, the addition of TP2009/XX pigmented pastes inevitably increases the gloss of final product, varying according to the quantity and type of pastes used: it is therefore advisable to always check if the desired gloss has been achieved.

## 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 [www.paintdocs.com](http://www.paintdocs.com). Please direct any questions or comments to your local M.L. Campbell® Distribution Partner, M.L. Campbell® Sales Manager or contact our technical service line at 1-800-364-1359

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