

TECHNICAL DATA SHEET

TZ99 Series
SOLVENT BASED POLYURETHANE
TZ99100BB **White (10 sheen)**
TZ99100NN **Clear (10 sheen)**
TZ99250BB **White (25 sheen)**
TZ99250NN **Clear (25 sheen)**
TZ99850BB **White (85 sheen)**
TZ99850NN **Clear (85 sheen)**

Versions:	10, 25 sheen		
Area of use:	Furniture, millwork, cabinets		
Method of use:	Air mix, airless and electrostatic spray gun, curtain coater		
Mixing procedure:		By Weight (kg)	By Volume
			White Bases Clear Bases
	Part A	TZ99 Series	100 100 100
	Part B (hardener)	THL0721000	50 70 55
Thinner	R7KB29	20-30 30-50 25-40	

Technical characteristics

Solids content (%): As packaged	TZ 99 White TZ 99 Clear	Weight Solids 65 ± 2 / Volume Solids 47 ± 2 Weight Solids 47 ± 2 / Volume Solids 38 ± 2
Specific gravity (kg/l): As packaged	TZ 99 White TZ 99 Clear	1.350 ± 0.030 1.000 ± 0.030
Viscosity (Zahn #2 at 68°F)*:	A + B: 24 ± 3 seconds	
Pot-life at 68°F:	3 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 20 ounces per gallon maximum using OptiColor® XP 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

TZ99 Series 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 TUL005613 or TU0205A13

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.

Blend Code	Tint Code
T99XX	T99XN

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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