

Technical Data Sheet

TZ99**/XX SOLVENT-BASED CONVERTER FOR TINTOMETRIC SYSTEMS

Supersedes previous issue dated 09.01.20

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Colours:	BB - white; NN - neutral.
Versions:	5, 10, 25, 35, 50, 60, 85 gloss.
Area of use:	Flat parts, furniture, profiles
Method of use:	Airmix and airless spray guns
Mixing procedure:	by weight (kg)
Part A	TZ99**/XX 100
Part B (hardener)	TH0720/00 50
Thinner	DT1150/00 20 - 30

Technical characteristics:

Solids content (%):	TZ99**/BB	65 ± 2
	TZ99**/NN	46 ± 1
Specific gravity* (kg/l):	TZ9985/BB	1,250 ± 0,030
	TZ9905/BB	1,350 ± 0,030
	TZ9950/BB	1,290 ± 0,030
	TZ9960/BB	1,290 ± 0,030
	TZ99XX/BB	1,310 ± 0,030
	TZ99XX/NN	0,990 ± 0,030 except for
	TZ9985/NN	0,970 ± 0,030
Viscosity:	DIN 6 at 20°C:	TZ99**/BB 35" ± 5"
	Brookfield at 20° C. (probe 3, 20 rpm):	TZ99XX/NN 2350 ± 100
		TZ9985/NN 2000 ± 100

Substrate preparation

With white polyurethane or polyester basecoats.

N.B.: DATA PROVIDED ON THIS TECHNICAL DATA SHEET CORRESPOND TO OUR BEST KNOWLEDGE AND EXPERIENCE. WE ASSURE CONSISTENCY ON THE CHEMICAL-PHYSICAL CHARACTERISTICS OF OUR PRODUCTS, WITHIN THE TOLERANCE LIMITS SPECIFIED ON OUR TECHNICAL DATA SHEETS. RESPONSIBILITY OF FINAL RESULT OF PRODUCT APPLICATION IS FULLY UP TO THE USERS, WHO SHALL MAKE SURE THAT THE PRODUCT CORRESPONDS TO THEIR OWN NEEDS WITH REGARD TO APPLICATION SYSTEM, TO SUBSTRATES USED AS WELL AS TO WORKING CONDITIONS.

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 REGARDED AS ACCEPTABLE IF WITHIN 30% MAXIMUM.

COMPANY WITH
MANAGEMENT SYSTEM
- UNI EN ISO 9001 -
- UNI EN ISO 14001 -

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Company under the direction and coordination of The Sherwin-Williams Company, USA

General characteristics

Pot-life:	TZ99**/BB	4 hours
	TZ99**/NN	3 hours
Recommended application weight (g/m ²):	Min. 80 - max. 150	
Drying time (100 g/m ² at 20°C):	Dust free	5'-10'
	Touch dry	30'-40'
Shelf-life (months):	36	
	After long periods of storage, always check homogeneity and stir well before use to eliminate any possible sediment.	

TZ99**/BB and /NN have been specifically formulated for tintometric systems. TZ99**/NN bases must be applied only if added with solvent-based pastes TP2009/XX. However, we remind you that 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.

Special instructions

TZ99**/BB and /NN topcoats can be mixed with TP2009/XX pastes in a volumetric mixing ratio of 80/20 cc for intense shades starting from neutral and up to a maximum of 5% in volume for pastel shades starting from pigmented white, as it is stated in the WOOD COLOR PLUS formulary.

Alternative hardeners

TH0755/00 can be used for faster drying time of intense shades (starting from TZ99**/NN), and to reduce the gloss increase due to TP2009/XX pastes addition.

PROBLEM OF COLOUR ALTERATION DUE TO SUNLIGHT

In general white is liable to yellow slightly over time even if specific hardeners are used.

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