

## Technical Data Sheet

### TZ29\*\*/00 CLEAR POLYURETHANE TOPCOAT – FAST DRYING

Supersedes previous issue dated 12/05/04

DATE 30/06/04

Versions:	10, 20, 30, 40, 50, 75 gloss, high-gloss																
Area of use:	General purpose																
Method of use:	Conventional, airless and airmix spray guns																
Mixing procedure:	<table border="1"> <thead> <tr> <th></th> <th></th> <th>by weight (kg)</th> <th>by volume (l)</th> </tr> </thead> <tbody> <tr> <td>Part A</td> <td>TZ29**/00</td> <td>100</td> <td>100</td> </tr> <tr> <td>Part B (hardener)</td> <td>TH0805/00</td> <td>50</td> <td>50</td> </tr> <tr> <td>Thinner</td> <td>DT040/00</td> <td>20-50</td> <td>20-50</td> </tr> </tbody> </table>			by weight (kg)	by volume (l)	Part A	TZ29**/00	100	100	Part B (hardener)	TH0805/00	50	50	Thinner	DT040/00	20-50	20-50
		by weight (kg)	by volume (l)														
Part A	TZ29**/00	100	100														
Part B (hardener)	TH0805/00	50	50														
Thinner	DT040/00	20-50	20-50														

### Technical characteristics

Solids content (%):	TZ2995/00	43 ± 2
	other gloss levels	41 ± 2
Specific gravity (kg/l):	0.965 ± 0.030	
Viscosity (DIN 4 at 20°C):	TZ2995/00	80" ± 5"
	other gloss levels	63" ± 5"

### General characteristics

Pot-life:	3 hours
Recommended application weight (g/m <sup>2</sup> ):	Minimum 80, maximum 150.

**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.

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

Drying time (100 g/m <sup>2</sup> at 20°C):	Dust free	10'
	Touch dry	30'
	Stackable	4 hours
Forced air drying:	Flash-off	15'
	Hot air at 50°C	30'
	Cooling	15'
Shelf-life:	If the product is properly stored, shelf-life is unlimited.	
	After long periods of storage, always check homogeneity and stir well before use to eliminate any possible sediment.	

TZ29\*\*/00 is a general purpose polyurethane topcoat for any kind of spray applications from airmix to airless with no problems of uneven matting.

Its main characteristics are: ease of application, soft touch, drying speed and hardness.

As an alternative hardener to TH0805/00 we recommend TH0748/00 at 50% which ensures a higher build.

### Substrate preparation

With a polyurethane or polyester basecoat.

### Special instructions

To obtain a uniform gloss level, it is extremely important to stir Part A well before each application, preferably using a spatula. If the topcoat requires slight colouring, use XC1900/XX tinting stains.

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