

## Technical Data Sheet

### TU0003/00 CLEAR POLYURETHANE BASECOAT

Supersedes previous issue dated 05/06/12

DATE 09/11/12

Area of use:	flat parts, profiles		
Method of use:	curtain coater and spray		
Mixing procedure:		by weight (kg)	by volume (l)
	Part A	TU0003/00 100	100
	Part B (hardener)	TH0805/00 50	50
	Thinner	DT1150/00 10-20	10-25

#### Technical characteristics

Solids content (%):	43 ± 1
Specific gravity (kg/l):	0.980 ± 0.030
Viscosity (DIN 4 at 20°C):	60" ± 3"

#### Substrate preparation

With waterborne stains (AC0600/XX or AC1400/XX) or with solvent based stains (XM7100/XX or XM8000/XX).

#### General characteristics

Pot life:	3 hours
Recommended application weight (g/m <sup>2</sup> ):	Min. 80 – Max. 150
Interval between coats:	Min. 30' – Max. 2 hours
Number of coats:	Max. 4
Drying time (100 g/m <sup>2</sup> at 20°C):	dust free 5'-10' touch free 30'-40' stackable 3 hours
Forced air drying (100 g/m <sup>2</sup> ):	flash-off 10' hot air 50°C 40' cooling 10'
Sanding:	wait at least 6 hours
Overcoating:	wait at least 8 hours
Shelf-life (months):	36 After long periods of storage, always check homogeneity and stir well before use to eliminate any possible sediment.

**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

TU0003/00 is a very versatile basecoat with excellent general characteristics.

It exhibits excellent build, drying, sandability and lifting resistance.

### Warning

During summertime or in tropical areas, we suggest the slower drying DT1146/00 as a thinner.

When a light tinting is required, we recommend the addition of XC1900/XX concentrated stains.

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