

Technical Data Sheet

TU0018/00 CLEAR POLYURETHANE BASECOAT

Supersedes previous issue dated 05/19/06

DATE 05/28/12

Area of use:	Flat parts, fitted furniture, solid wooden parts, doors.		
Method of use:	Spray gun and curtain coater.		
Mixing procedure:		by weight (kg)	by volume (l)
	Part A	TU0018/00 100	100
	Part B (hardener)	TH0805/00 50	50
	Thinner	DT1150/00 10-20	10-30

Technical characteristics:

Solids content (%):	Part A:	43 ± 1
	Part B:	24 ± 1
Specific gravity (kg/l):	Part A:	0.986 ± 0.030
	Part B:	0.933 ± 0.030
Viscosity (DIN 4 at 20°C):	Part A:	43" ± 5"
	A + B:	21" ± 3"
Pot-life at 20°C:	3 hours	
Recommended application weight (g/m²):	Max. 200	
Interval between coats:	Min. 1 hour - Max. 3 hours	
Number of coats:	Max. 3	
Drying time (100 g/m² at 20°C):	Dust free	10'
	Touch dry	30'
	Stackable	4 hours
Tunnel drying (100 g/m²):	Flash off	15'
	50°C	60'
	Cooling	15'
Sanding:	Wait at least 16 hours.	
Overcoating:	Wait at least 16 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

Substrate preparation

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

General characteristics

TU0018/00 is a general-purpose polyurethane basecoat. In particular it exhibits good lifting resistance, good build and excellent sandability.

TU0018/00 can be applied using airmix or airless spray guns or curtain coater.

TH0775/00 can be used as an alternative to TH0805/00 if shorter drying times and higher build are required.

Special instructions

During the summer or in tropical areas it is preferable to use slow-drying thinner DT1146/00. If TU0018/00 requires light tinting, we recommend XC1900/XX series concentrated stains.

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