

Technical Data Sheet

PUL3501/00 CLEAR FLEXIBLE POLYESTER BASECOAT

DATE 03/23/15

Area of use:	Flat parts and turned parts		
Method of use:	Manual or oscillating spray gun		
Mixing procedure:	With two-component pump		
		by weight	
Part A	PUL3501/00	100	
Part B (accelerator)	PH0888/00	2	
Part C (catalyst)	PH0999/00	2	
Thinner	DX1131/00	10-20	

Technical characteristics

Solids content (%):	92 ± 2
Specific gravity (kg/l):	1.070 ± 0.030
Viscosity Cps at 20°C rv3 at 10rpm:	2200 ± 200

Substrate preparation

Sand and clean thoroughly.

Staining must be performed with XM8000/XX series only. Exotic timbers, such as rosewood, teak, Mansonia walnut, etc., must be protected with TH1400/00 + TR5008/00 or TR4027/00 + XT4028/00 barriers. For other types of non-exotic but particularly porous timbers, use TU0565/00 + TH0765/00. With Erable or reconstituted veneers, use XT4022/00, as this does not affect the colour and wets the wood pores well.

General characteristics

Pot-life at 20°C:	Approx. 30'		
Recommended application weight (g/m²):	Max. 250		
Interval between coats (250 g/m² at 20°C):	Min. 25' - Max. 45'		
Number of coats:	Max. 2		
Drying time (1 coat 250 g/m² at 20°C):	Dust free:	60'	
	Touch dry:	120'	
	Stackable:	Minimum 12 hours	

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

Forced air drying:	Flash off 15' Hot air at 50°C 90' Cooling 15'
Sanding:	Wait at least 24 hours.
Overcoating:	Wait at least 24 hours.
Film colour:	Pinkish
Shelf-life (months):	6

PUL3501/00 is a wax free polyester with good build and flow both horizontally and vertically. It exhibits excellent clarity and elasticity, absence of shrinking, good sanding, and a pale pinkish film.

When preparing the product, add PH0888/00 to PUL3501/00, mix thoroughly and only then add PH0999/00.

The product may be thinned with DX1131/00 for manual application or with DP0695/00 for automatic spray application. DP0695/00 should also be preferred during summer or in tropical areas.

The two thinners may even be mixed to balance evaporation and flow. After mixing, the product has a pot-life of about 30 minutes.

During summer keep the viscosity under control by adding thinner to compensate for the high evaporation rate of the solvents. After drying, PUL3501/00 can be sanded either manually or automatically. After sanding, the topcoat must be applied within three days.

The specified mixing procedures refer to a temperature of 20°C. At lower temperatures the only partial remedy to compensate for the reduction in reactivity is to increase the amount of accelerator PH0888/00 by 1%

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