

Technical Data Sheet

TU0143/00

HARMONIZING POLYURETHANE BASECOAT – HIGH BUILD

Supersedes previous issue dated 10/16/06

DATE 06/04/12

Area of use:	turned parts, baseboards, assembled furniture		
Method of use:	conventional and electrostatic spray gun, fixed gun, small size curtain coater		
Mixing procedure:		by weight (kg)	by volume (l)
	Part A	TU0143/00	100
	Part B (hardener)	TH0780/00	50
	Thinner	DT1150/00	30

Technical characteristics

Solids content (%):	50 ± 2
Specific gravity (kg/l):	1.000 ± 0.030
Viscosity (DIN 6 at 20°C):	48" ± 4"

Substrate preparation

With waterborne stains AC0600/XX added with XX4130/00 waterborne binder or with solvent based stains XM7100/XX or XM8000/XX.

General characteristics

Pot life at 20°C:	2 hours	
Recommended application weight (g/m ²):	Min. 80 – Max. 140	
Number of coats:	only 1 coat is recommended, max. 2	
Interval between coats:	Min. 30" – Max. 2 hours	
Drying time (100 g/m ² at 20°C):	dust free	10'
	touch free	25'
	stackable	1 hour
Forced air drying (100 g/m ²):	flash-off	10'
	hot air 50°C	30'
	cooling	10'
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.

COMPANY WITH
MANAGEMENT SYSTEM
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Company under the direction and coordination of The Sherwin-Williams Company, USA

- High drying speed; it can be sanded 90 minutes after application and overcoated after 2 hours.
- Excellent flow and easy sanding either manual and with scotch-brite.
- Good harmonizing properties

Alternative hardeners

TU0143/00 can be hardened at 50% with TH0727/00 for higher build and faster drying, or with TH0799/00 for better wettability.

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