

Technical Data Sheet

TU0160/00

HIGH BUILD CLEAR POLYURETHANE BASECOAT

Supersedes previous issue dated 05/25/12

DATE 10/31/12

Area of use:	Flat parts, picture frames, doors.			
Method of use:	Spray gun and curtain coater.			
Mixing procedure:		by weight	by volume	
	Part A	TU0160/00	100	100
	Part B (hardener)	TH0780/00	50	50
	Thinner	DT1150/00	20-30	20-30

Technical characteristics

Solids content (%):	49 ± 1
Specific gravity (kg/l):	0.990 ± 0.030
Viscosity (DIN 4 at 20°C):	100" ± 5"

Substrate preparation

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

General characteristics

Pot-life:	3 hours	
Recommended application weight (g/m ²):	Minimum 80, maximum 200.	
Interval between coats:	Minimum 40', maximum 3 hours.	
Number of coats:	Maximum 4.	
Drying time (100 g/m ² at 20°C):	Dust free	10'
	Touch dry	50'
	Stackable	6 hours
Forced air drying:	Flash off	10'
	Hot air at 50°C	50'
	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.

COMPANY WITH
MANAGEMENT SYSTEM
- UNI EN ISO 9001 -
- UNI EN ISO 14001 -

Sherwin-Williams Italy S.r.l. – con unico socio
Via del Fiffo, 12 - 40065 Pianoro (BO) - Italia - C.P. 18
tel. +39 051 770 511 - fax +39 051 777 437
www.sayerlack.com
Cod. Fisc. e Reg. Impr. Bo 08866930152
P. IVA: IT 00494251200 - R.E.A. n. 313180
Cap. Soc. Euro 2.626.182 I.V. - Codice Mecc. Bo 014531

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

TU0160/00 is a high build basecoat resistant to lifting.

The high gloss topcoat applied on TU0160/00 retains its gloss level in time better than on other PU basecoats.

Alternative hardeners

TH0727/00 at 50% - higher build, lifting resistance, topcoat gloss level retention

Special instructions

During the summer, or in tropical areas, use slow-drying thinner DT1146/00 or DT0040/00.

If TU0160/00 requires slight colouring, use XC1900/XX tinting stains.

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.