

## Technical Data Sheet

### TU0001/00 CLEAR POLYURETHANE BASECOAT

Supersedes previous issue dated 11.08.12

DATE 18 June 2019

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	TU0001/00 100	100
	Part B (hardener)	TH0775/00 50	50
	Thinner	DT1150/00 20	20

#### Technical characteristics:

Solids content (%):	48 ± 1
Specific gravity (kg/l):	0.980 ± 0.030
Viscosity (DIN 4 at 20°C):	Part A: 60" ± 5"
	A + B: 20" ± 3"

#### Substrate preparation

Stain using waterborne stains (AC0600/XX) or solvent-based stains (XM7100/XX, XM8000/XX).

#### General characteristics

Pot-life at 20°C:	3 hours
Recommended application weight (g/m <sup>2</sup> ):	Max. 180 per coat
Interval between coats:	Min. 1 hour - Max. 3 hours
Number of coats:	Max. 3
Drying time (100 g/m <sup>2</sup> at 20°C):	Dust free 10'
	Touch dry 30'
	Stackable 6 hours
Forced drying (100 g/m <sup>2</sup> ):	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.

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

TU0001/00 is a general-purpose polyurethane basecoat.

It is extremely versatile and suitable for most applications.

In particular it has good sandability, good build and excellent lifting resistance.

TU0001/00 can be applied using airmix or airless spray guns or curtain coater.

### Alternative hardeners

- TH0755/00 at 50% - hardener without St. Andrew's cross
- TH0805/00 at 50% - slightly lower build and longer drying times.

### Special instructions

During the summer, or in tropical areas, it is preferable to use slow-drying thinner DT1146/00 at 30-50%.

For tinting TU0001/00, XC1900/XX stains are recommended.

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.