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# **TECHNICAL DATA SHEET**

supersedes previous issue dated 09/09/97

TU 1

# **CLEAR POLYURETHANE BASECOAT**

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 (I)
	Part A	TU 1	100	100
	Part B (hardener)	TH 775	50	50
	Thinner	DT 450	20	20

#### **Technical characteristics:**

Solids content (%):	46 ± 1		
Specific gravity (kg/l):	$0.980 \pm 0.030$	$0.980 \pm 0.030$	
Viscosity (DIN 4 at 20°C):	Part A:	60" ± 4"	
	A + B:	20" ± 3"	

## Substrate preparation

Stain using waterborne stains (AC 600/XX) or solvent-based stains (XM 7100/XX, XM 8000/XX).

### **General characteristics**

Pot-life at 20°C:	3 hours		
Recommended application weight (g/m²):	Max. 180 per coat		
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	6 hours	
Forced 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:	If the product is properly stored, shelf-life is unlimited.		
	After long periods of storage, always check		
	homogeneity and stir well before use to eliminate		
	any possible sediment.		

TU 1 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.

TU 1 can be applied using airmix or airless spray guns or curtain coater.

#### **Alternative hardeners**

- TH 755 at 50% hardener without St. Andrew's cross
- TH 805 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 DT 446 at 30-50%.

For tinting TU 1, XC 1900/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.