

# TECHNICAL DATA SHEET

supersedes previous issue dated 07/07/03

**TU 160**
**HIGH BUILD CLEAR POLYURETHANE BASECOAT**

Area of use:	Flat parts, picture frames, doors.		
Method of use:	Spray gun and curtain coater.		
Mixing procedure:		by weight	by volume
	Part A	TU 160	100
	Part B (hardener)	TH 780	50
	Thinner	DT 1150	20-30

### Technical characteristics

Solids content (%):	49 + 1
Specific gravity (kg/l):	0.990 ± 0.030
Viscosity (DIN 4 at 20°C):	80'' ± 4''

### Substrate preparation

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

### General characteristics

Pot-life:	3 hours	
Recommended application weight (g/m <sup>2</sup> ):	Minimum 80, maximum 200.	
Interval between coats:	Minimum 40', maximum 3 hours.	
Number of coats:	Maximum 4.	
Drying time (100 g/m <sup>2</sup> 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:	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 160 is a high build basecoat resistant to lifting.

The high gloss topcoat applied on TU 160 retains its gloss level in time better than on other PU basecoats.

### Alternative hardeners

TH 727 at 50% - higher build, lifting resistance, topcoat gloss level retention

### Special instructions

During the summer, or in tropical areas, use slow-drying thinner DT 1146 or DT 40. If TU 160 requires slight colouring, use XC 1900/XX tinting stains.