

# TECHNICAL DATA SHEET

supersedes previous issue dated 09/09/97

**TU 221/13**
**WHITE POLYURETHANE BASECOAT**

Area of use:	Turned parts (picture frames and chairs), MDF, flat parts.		
Method of use:	Spray gun.		
Mixing procedure:		by weight (kg)	by volume (l)
	Part A	TU 221/13	100
	Part B (hardener)	TH 780	40
	Thinner	DT 450	20-30
			100
			50
			30-40

**Technical characteristics:**

Solids content (%):	65 ± 2
Specific gravity (kg/l):	1.310 ± 0.030
Viscosity (DIN 8 at 20°C):	16" ± 2"

**Substrate preparation**

Thorough sanding and cleaning of the bare timber.

**General characteristics**

Pot-life:	3 hours
Recommended application weight (g/m <sup>2</sup> ):	Max. 200 per coat
Interval between coats:	Min. 60' - Max. 3 hours
Number of coats:	Maximum 3
Drying time (100 g/m <sup>2</sup> at 20°C):	Dust free 10' Touch dry 30' Stackable 5 hours
Forced drying (100 g/m <sup>2</sup> ):	20' forced air 40' at 50°C 20' forced air
Sanding:	Wait at least 16 hours.
Overcoating:	Wait at least 16 hours, then apply pigmented polyurethane or nitrocellulose topcoat.
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 221/13 is a basecoat with excellent drying characteristics, excellent manual and mechanical sandability and good pore wettability. Its special composition promotes solvent release and through-hardening. Higher application weights can be used without problems of film embrittlement. It is also easy to sand.

**Special instructions**

Although TU 221/13 has high elasticity, it is clearly unable to compensate for excessively large movements of the substrate. The user must test beforehand to verify whether the substrate causes cracking, particularly in the case of soft plywood, thick MDF or honey-comb veneered panels.

Do not exceed the recommended application weights and never replace the stated hardener.