

# TECHNICAL DATA SHEET

supersedes previous issue dated 09/09/97

**TL 599**
**CLEAR POLYURETHANE HIGH GLOSS COATING FOR PARQUET FLOORING**

Area of use:	Parquet flooring, door and window frames, furniture.		
Method of use:	Brush, roller, spray gun.		
Mixing procedure:		by weight (kg)	by volume (l)
	Part A	TL 599	100
	Part B (hardener)	TH 760	100

**Technical characteristics:**

Solids content (%):	Part A:	44 ± 1
	Part B:	42 ± 1
Specific gravity (kg/l):	Part A:	0.988 ± 0.030
	Part B:	1.012 ± 0.030
Viscosity (DIN 4 at 20°C):	Part A:	22" ± 3"
	A + B:	17" ± 3"
Pot-life at 20°C:	4 hours	
Recommended application weight (g/m <sup>2</sup> ):	Min. 80 - Max. 180	
Drying time (100 g/m <sup>2</sup> at 20°C):	Dust free	1 hour
	Touch dry	6-8 hours
	Stackable	12 hours
Forced drying:	Not recommended	
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.	

**Substrate preparation**

With barrier basecoat TU 325.

**General characteristics**

TL 599 is a top-quality glossy coating that combines a high degree of elasticity with hardness and abrasion resistance. It contains slow-drying solvents to permit ease of brush and roller application without problems of bubbles. The best coating system for parquet flooring is as follows:

- Apply TU 325 basecoat blended with 100% of TH 760. Allow to dry for at least 3 hours.
- Apply TL 599 blended with 100% of TH 760, if necessary thinned with 10-20% of DT 41 (especially in summer or in tropical areas). Sand after 8-10 hours.
- Apply TL 599 again, blended in the same way with hardener and thinner.
- In the matt system where TL 599 is used as an intermediate coat, it can be blended with 100% hardener TH 146.

TH 146 - solids contents: 25 ± 1; specific gravity: 0.986 ± 0.030

**Special instructions**

For correct hardening, ambient temperature during application must not be lower than 5°C. To promote flow and facilitate touching-up in summer or in tropical areas, the percentage of hardener may be reduced by 10-20% and 10-20% of thinner DT 41 added.