

TECHNICAL DATA SHEET

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	100
Part B (hardener)	TH 760	100	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 ²):	Min. 80 - Max. 180	
Drying time (100 g/m ² 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.