

TECHNICAL DATA SHEET

PL 243/00

CLEAR HIGH GLOSS POLYESTER TOPCOAT - SUITABLE FOR BUFFING

Area of use:	Table tops, flat parts.		
Method of use:	Conventional and airless spray guns.		
Mixing procedure:		by weight	by volume
Part A :	PL 243/00	100	100
Part B (accelerator) :	PH 888	2	2
Part C (catalyst) :	PH 999	2	2
Thinner :	DP 695	30	30

Technical characteristics

Solids content (%):	89 ± 1		
Specific gravity (kg/l):	1.040 ± 0.030		
Viscosity (DIN 4 at 20°C):	35" ± 5"		
Pot-life at 20°C:	30'		
Recommended application weight (g/m ²):	Min. 100 - Max. 200.		
Drying time (100 g/m ²) at 20°C:	Dust free	50'	
	Touch dry	2 hours	
	Stackable	16 hours	
Forced air drying:	Flash off	20'	
	50°C	80'	
	Cooling	20'	
Shelf-life (months):	PL 243/00	6	
	PH 888	6	
	PH 999	6	

Substrate preparation

Preferably with a polyester basecoat.

General characteristics

PL 243/00 is a topcoat that exhibits excellent flow and hardness and is recommended for application on tabletops for buffing. With its excellent flow, PL 243/00 can be used as a direct gloss topcoat, but can also be buffed without any difficulty two days after application. Polyester topcoats are generally popular due to their final film hardness and the absence of surface defects such as pinholes and pinheads. However, the long dust-free time makes it necessary to use pressurised booths. To obtain an almost neutral film, 2% of PH 777 can be used instead of PH 888, although this increases drying and buffing times and reduces pot-life to 15 minutes.

Special instructions

Assess carefully whether packaging with crepe or polypropylene paper is appropriate. In any case we recommend waiting at least 4 days before packaging. For safety reasons, avoid mixing accelerator PH 888 with catalyst PH 999. When mixed, these two products can give rise to a violent chemical reaction which could constitute a hazard for the user. The entire quantity of PH 888 should therefore be added to the can of polyester all at once and mixed carefully. Add PH 999 only at the time of use and at a concentration of 2% by weight.