

**CODE:** 877LT66**NAME:** **TRANSPARENT HIGH GLOSS TOP COAT**

GENERAL DESCRIPTION: Polyurethane, 2-component, transparent high gloss top coat, suitable for vertical application by spray, and for polishing.
Coatings have a high hardness and scratch resistance as well as a good yellowing resistance.

AREA OF USE: Furniture and other elements made of wood or MDF for indoors.

SUBSTRATE: Wood or MDF precoated with polyurethane, polyester or UV cured base coat/filler. Surface must be sanded, clean and dust free.

HARDENER: 877C66 in quantity of 100% by weight or by volume.

THINNER: 877D2 in quantity of up to max. 10% of mixture 877LT66+877C66.

POT LIFE: max 5 h at 20°C

APPLICATION: Pneumatic spray, airmix or airless at temperature 10-32°C and RH below 50%.

NOTE:

- good ventilation must be provided in the working environment;
- to avoid imperfections of film, application and drying space must be dust free.

QUANTITY TO APPLY: 100 –120 g/m² for 1 coat

NUMBER OF COATS: 2 – 3 wet on wet at intervals of 15-20 min.
For high transparency, good leveling and to avoid pin holes it is recommended to apply the first coat of 100 g/m² and next of 120 g/m².

DRYING TIME at 20°C:

- dust free: after 40 min.
- touch dry: after 5–6 h
- for polishing: after 24 h (roughly)
- stackable: after 24-36 h

POLISHING: Polishable time depends on many parameters, but mainly on drying conditions. That is why it should be determined experimentally. However, due to high hardness, polishing after 36 h from last coat can be difficult.

STORAGE: Store product in original, tightly closed tins in dry rooms at temperature 5 – 35°C.





TECHNICAL DATA SHEET

877LT66

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CHARACTERISTIC:	- physical state	yellowish transparent liquid
	- solid content	57 ± 2 % (877LT66)
		45 ± 2 % (877LT66 + 877C66)
	- specific gravity at 25°C	1.01 ± 0,03 g/ml
	- viscosity – flow time CF4 at 20°C	58 ± 5 s
	- shelf life at 20°C and tightly closed tin	12 months

COAT PARAMETERS:	- gloss	100 ± 3
	- hardness by König pendulum after 7 days from application	163 ± 5 s
	- Dur-O-Test after 1 month after 1 month from application	3,5 ± 0,5 N

Always verify the suitability of the product for the job to be done before application. We cannot accept responsibility for the outcome. The information contained in this technical data sheet (TDS), as well as any verbal information, is given to the best of knowledge. We do not accept responsibility for obsolete or incorrect information. The information is to be considered obsolete when a new TDS is issued. Please feel free to contact our division or representative www.877line.pl to request the latest edition.



AMICUS

Al. Jerozolimskie 83/31, 02-001 Warszawa, Poland

Tel./fax: +48 (22) 629 59 62; +48 (59) 863 41 68; e-mail: amicus@877line.pl; www.877line.pl