

PRODUCT (A PART)	KEMACRIL 3599 (OCV850)	
TECHNICAL DESCRIPTION	ACRYLIC VARNISH	
SPECIFICATION AND CHARACTERISTICS	Optimum transparence Optimum surface hardness Optimum wetting Optimum adhesion on surface	Optimum resistance to external agents Optimum hiding power Optimum resistance to yellowing Converter for the preparation of lacquers (Kemilac Color System)
VERSION / GLOSS	10 - 35	

RECOMMENDED USE

APPLICATION	General uses for OUTDOOR and INDOOR						
CATALYST	C325	20%	by weight	20%	by volume	on A part	
APPLICATION	quantity g/mq	nozzle	pressure	THINNER	Special Thinner – DK164		
Airbrush Spray	150-200	1.6-1.8	Bar 2.5-3.5	20-40% by weight	20-40% by volume	on A part	
Airless / Airmix	150-200	9-11		20-40% by weight	20-40% by volume	on A part	
Roller / Brush	60-80			10-20%	RAC100		

CHEMICAL-PHYSICAL CHARACTERISTICS (IST-Q-12/02)


ASPECT / PHYSICAL STATE	colour	Straw yellow	
VISCOSITY DIN 4 (53211)20°C	Sec	+/- 5	130
VISCOSITY BROOKFIELD 20°C	MPA*s	+/-1000	/
SOLID PART (A PART)	%	+/- 2	44
SOLID PART (B PART)	%	+/- 2	45
SPECIFIC WEIGHT (A PART)	kg/lt	+/- 0.02	0.97
SPECIFIC WEIGHT (B PART)	kg/lt	+/- 0.02	0.98
POT-LIFE / GEL TIME	minuts	+/- 10	>8
OPACITY / GLOSS	gloss	+/- 2	LABEL
HARDNESS	pencil	/	/

GENERAL REMARKS

Drying at 20°C and 65% R.H.	
DUST FREE	30 min
TOUCH DRY	5 h
STACKABLE	>24 h
SANDING	/
COMPLETELY DRY IN	48 h
FORCED AIR AT 35°C	
OVERCOATING BY TOP-COAT	12 h
INTERVAL BETWEEN COATS (MIN/MAX)	min 30/ 2 h

RECOMMENDED COATING SYSTEM

SUBSTRATE / WOOD	Various
DYE	IMV1100 series (transparent, white or coloured)
PRIMER/BASECOAT	OCV850
SANDING	Sandpaper 280-320 grain
TOP-COAT	OCV850

ALTERNATIVE CATALYSTS	C330 C399	It increases chemical-physical characteristics. Use at 20%. Use at 30%
ALTERNATIVE THINNERS	DK110 DK605	Medium quickness evaporation. Retardant thinner for application in hot or high relative humidity conditions (5-10% on A part).
PACKAGES	5 – 10 – 25	
SHELF LIFE	12 months at 20°C in original pack.	
SAFETY ADVICES	See information in the safety data sheet.	
GENERAL NOTES	<p>- For lacquering for external use do not use PCS17 paste - Always use pigmented versions for exteriors.</p> <p>Product in compliance with EN 927-6 norm using the "Accelerated Weathering Tester" </p> <p>To simulate outdoor weathering, the QUV tester exposes materials to alternating cycles of UV light and moisture at controlled elevated temperatures. It simulates the effects of sunlight using special fluorescent short-wave UV lamps. It simulates also dew and rain with condensing humidity and/or water spray.</p>	
responsibility of final results of coating system rests entirely with the users who shall make sure that product is in compliance with requirement of substrates used and working conditions		



TECHNICAL DATA SHEET

REV. 4
DATE 21/07/2021



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