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## TECHNICAL INFORMATION



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### PRODUCT

CLEAR ACRYLIC COAT low V.O.C. (C5102)

### CARATTERISTICHE

MAX low V.O.C. 2K polyurethane acrylic coat is a two-component clear high-build varnish, specific for finishing any metal surface. Its formula fully complies with the maximum content of volatile organic compounds according to the D.L 161 of 27/03/2006 relative to the European Directive 1004/42/CE: d) finish 420 g / l. It is ideal for pastel, metallic or pearl base paint and compatible with water-based systems. It has an outstanding brilliance, spread, and an adjustable drying speed thanks to four different types of hardeners available (slow, standard, fast, express). It is highly resistant to atmospheric agents and doesn't turn yellow.

### TECHNICAL DATA

Specific weight	980 ± 20 g/l	(MI 001)
Solids by weight	60 ± 1 %	(MI 006)
V.O.C.	420 g/l (TRANSPARENT+HAR.+max 5% DIL.)	(ASTM D2369)
Gloss 60°	90 ÷ 98	(MI 007)
Viscosity	100 cP	(MI 002; 25 °C)
Color	Clear, colourless	
UVA resistance	> 2600 h	(MI 008)

### STORAGE

Keep the container well closed and stored in a cool (temperature below 25°C) and ventilated environment for a maximum period of 12 months from the date of production marked on the tin. Avoid direct sun exposure.

### SAFETY RULES

Ensure work area is well-ventilated during application and until surface is dry. It is recommended the use of personal protective equipment during application. Read the safety sheet before application.

### APPLICATION

Choose among the available hardener types: slow, standard, fast or express depending on the ambient temperature and the atmospheric humidity. Mix the acrylic clear coat with the hardener. We recommend to spray by a HLVP spray gun with a gravity cup, following the recommended thickness, with the right pressure of dried compressed air, otherwise tiny spots could form. Spray lightly first then apply a full coat or, at the most, apply a single coat. Do not apply on wet surfaces.

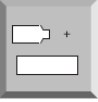


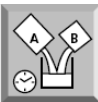
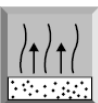
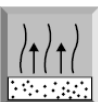
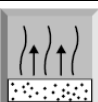

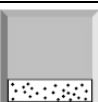
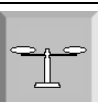
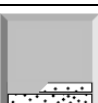
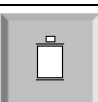
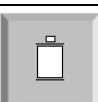
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	Mixing ratio volume / weight	100 ml : 50 ml 100 g : 50 g	
	Nozzle diameter	1.3 mm	
	Air pressure	2.5 ÷ 3.5 bar	
	Pot life	1 h	(MI 013; 25 °C)
	Dust free	20 min	(MI 012; 25 °C)
	Dry to touch	2 h	(MI 012; 25 °C)
	Full dry	4 h	(MI 012; 25 °C)
	Ready to recoat	2 h	(MI 012; 25 °C)
	Dry film thickness	35 – 45 µm	
	Theoretical yield	70 - 80 g/m <sup>2</sup>	(MI 014)
	Number of coats	1 - 2	
	Hardener	MAX hardener: slow, standard, fast, express.	
	Thinner	MAX thinner: slow, standard, fast.	



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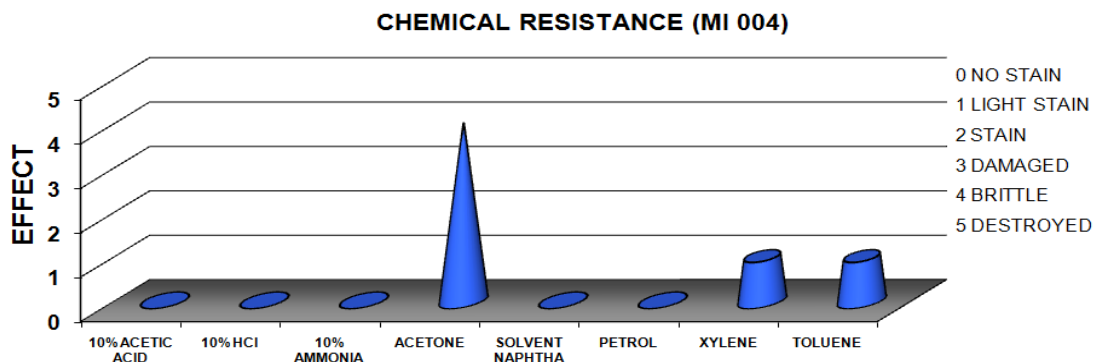
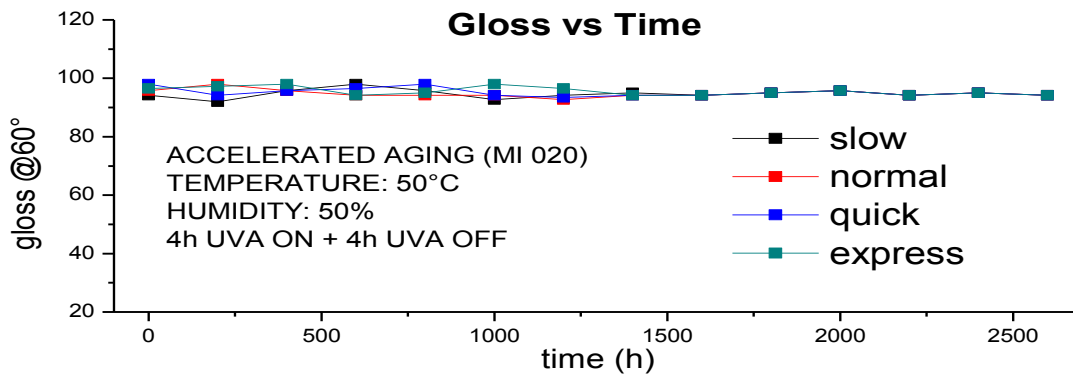
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## ADDITIONAL INFORMATION

### DRYING (MI 012, MI 015)

TEMP (°C)	HARDENER	DUST FREE	DRY TO TOUCH	READY TO RECOAT	FULL DRY
25	SLOW	30 min	3 h	3 h	> 4 h
	STANDARD	20 min	2 h	2 h	4 h
	FAST	15 min	1 h	1 h	3 h
	EXPRESS	10 min	0,5 h	0,5 h	2 h
60	SLOW	15 min	2 h	2 h	3 h
	STANDARD	10 min	1 h	1 h	2 h
	FAST	5 min	0,5 h	0,5 h	1 h
	EXPRESS	< 5 min	< 0,4 h	< 0,4 h	< 0,5 h
I.R.*	SLOW	15 min	1 h	/	2 h
	STANDARD	10 min	40 min	/	90 min
	FAST	5 min	20 min	/	50 min
	EXPRESS	< 5 min	< 20 min	/	30 min

\* MOD. 1-UK-HIR, 1000 W power rating; distance 70 cm



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