



adesivi

## TECHNICAL DATA SHEET

# MAX



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### PRODUCT

CLEAR ACRYLIC COAT special antiscratch (C5101)

### CHARACTERISTICS

It is a clear two-component high-build coating varnish, specific for finishing any metal surface. Ideal for pastel, metallic or pearl base paint of any brand, compatible with water-based systems.

It has an outstanding brilliance and adhesion, in addition to an adjustable drying speed thanks to four different types of hardeners. (slow, normal, quick, express) It is highly resistant to atmospheric agents and doesn't turn yellow.

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Specific Weight	980 ± 20 g/l	(MI 001)
Solids by weight	40 ± 1 %	(MI 006)
Gloss	90 ÷ 98 gloss 60°	(MI 007)
Viscosity	100 cP	(MI 002; 25 °C)
Colour	Clear, colourless	
UV 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.

Spray with a HVLP spray gun with a 1.2-1.4mm nozzle, at a pressure of 2-3 bar, or with a normal spray gun at higher pressures. It is recommended to spray first lightly and then apply a full coat or spray two equally thick films in two steps.

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












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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 ÷ 4.0 bar
	Pot life	2 h  (MI 013; 25 °C)
	Dust free time	20 min  (MI 012; 25 °C)
	Dry to touch	2 h  (MI 012; 25 °C)
	Full dry	24 h  (MI 012; 25 °C)
	Ready to recoat	12 h  (MI 012; 25 °C)
	Dry film thickness	35 – 45 µm
	Theoretical yield	100 - 120 g/m <sup>2</sup>  (MI 014)
	Number of coats	2
	Hardener	<b>MAX</b> hardener: slow, standard, fast, express
	Thinner	<b>MAX</b> thinner: slow, standard, fast

- Apply MAX Acrylic Clearcoat according to the recommended thickness, the right pressure, using compressed air with dryer, otherwise tiny spots may form;
- When repainting make sure that the film is completely dry.

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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	15 h	> 24 h
	NORMAL	20 min	2 h	12 h	20 h
	FAST	15 min	1 h	8 h	13 h
	EXPRESS	10 min	0,5 h	2 h	6 h
60	SLOW	15 min	2 h	2 h	3 h
	NORMAL	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	13 min	1 h	/	90 min
	NORMAL	10 min	45 min	/	60 min
	FAST	7 min	35 min	/	45 min
	EXPRESS	< 5 min	< 25 min	/	30 min

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

