

TECHNICAL DATA SHEET



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PRODUCT

MAX TWO-COMPONENTS ACRYLIC CLEAR COAT - MATT (C5104)

FEATURES

Acrylic polyurethane 2k varnish is composed by solvents for an opaque transparent finishing with the possibility to eliminate the dirty after the application.

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:: e) special finishing 840 g/l. It has got a high resistance to atmospheric agents and an excellent abrasion resistance. It can be used for all kind of vehicles, car, motorcycle, with opaque finish, and is applicable even on rigid plastic without any additive. It produces a film perfectly transparent, uniform and pleasing.

TECHNICAL DATA

Specific weight	970 ± 20 g/l	(MI 001)
Solids by weight	30 %	(MI 006)
V.O.C.	710 ± 20 g/l	(ISO 11980-1)
Gloss 60°	< 20	(MI 007)
Viscosity	550 ± 50 cP	(MI 002)
Color	Opaco, incolore	
UVA resistance	> 2500 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

Mix vigorously before the application and clean well the surface. Do not apply on wet surfaces.

Add the hardener, with the right ratio, and mix very well (thinner is not necessary)

Apply homogeneous crossed layers and wait full drying (around 60 min)

It is possible to remove dirty spots with sandpaper P2500-3000

Then apply another thicker layer and wait that its opacification

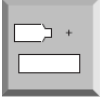


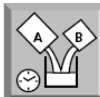
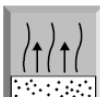
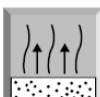
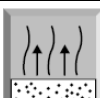

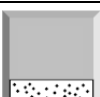
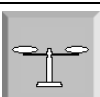

We recommend to apply the product using gravity feed HVLP spray gun.

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	Mixing ratio volume / weight	100 ml : 50 ml 100 g : 50 g	
	Nozzle diameter	1.2 – 1.4 mm	
	Air pressure	2.5 ÷ 3.5 bar	
	Pot life	1 h	(MI 013; 25 °C)
	Dust free	5 min	(MI 012; 25 °C)
	Dry to touch	30 – 40 min	(MI 012; 25 °C)
	Full dry	24 h	(MI 012; 25 °C)
	Ready to recoat	2 h	(MI 012; 25 °C)
	Dry film thickness	20 – 40 µm	
	Theoretical yield	80 - 100 g/m ²	(MI 014)
	Number of coats	2 - 3	

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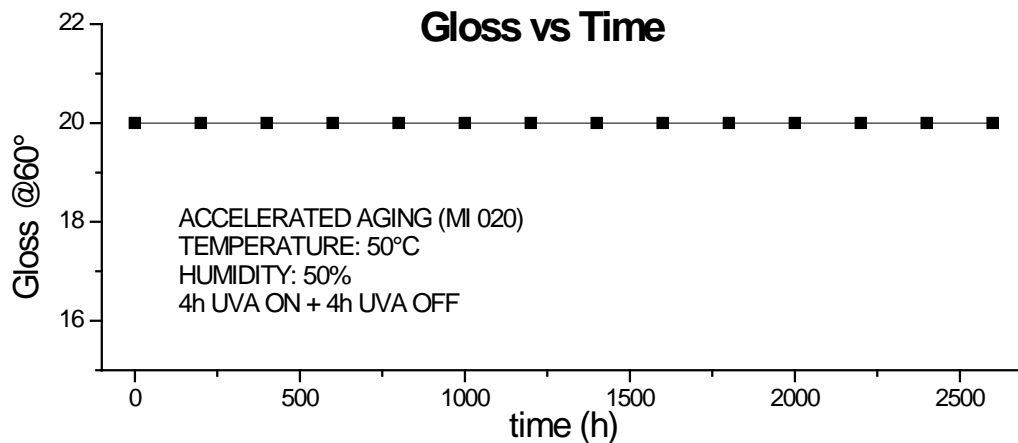
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ADDITIONAL INFORMATION

DRYING (MI 012, MI 015)

TEMP (°C)	DUST FREE	DRY TO TOUCH	READY TO RECOAT	FULL DRY
25	5 min	30 – 40 min	2 h	24 h
40	express	10 min	25 min	1 h

Note: It is important to use the MAX hardener (based on aliphatic polyisocyanate) to reach the performances here written. Do not apply on wet surfaces.



CHEMICAL RESISTANCE (MI 004)

