TECHNICAL INFORMATION

KLASS SINGLE STAGE MATIZADO

Automotive Coating

509-31700-000



DESCRIPTION



Two-part monolayer automotive finish with excellent resistance to ultraviolet radiation, high gloss and good hiding power, ideal to be applied on work vehicles exposed to severe conditions. Vehicles coated with this finish will have a much better protection than offered by a common polyurethane. It can be mixed with Klass Agente Mateante MS for a matte or satin finish.



Containers Unlimited
Available Colors Unlimited

SURFACE PREPARATION



Before application, surface must be free of dust, grease, oil, waxes, or any other contaminants that can affect product adherence



SUBSTRATE	FIRST CLEANING	SANDING	AFTER CLEANING	ADHERENCE ENHANCER
Iron	330 - 900	180-220/P180- P220	330 - 900	Klass Etching Primer
Aluminum	330 - 900	180-220/P180- P220	330 - 900	Klass Etching Primer
Galvanized Steel	330 - 900	Gray Fiber	330 - 900	Klass Etching Primer
OEM Finish	330 - 900	220-320/P220- P400	330 - 900	Klass Primer Filler 3 + 1
Replacement Part	330 - 900	Gray Sponge	325 - 900	Klass Primer Filler 3 + 1
Paintable Plastic	N/A	Red Fiber	N/A	Klass Plastic Primer

COMPONENTS AND MIXING RATIOS



For a glossy finish use a mixture ratio of [2:1:10%].

For lower gloss finishes:

a) use a [4:1:2] mixing ratio and,

b) before catalyzing, Klass Single Stage 31700-000 should be mixed with 31300-013 Klass Agente Mateante MS in the following ratios: for a matte finish 1:1 (equal parts of 31700 and 31300) and, for a satin finish 2:1 (100 parts of 31700: 50 parts of 31300).

Add only the recommended components.

Use KLASS measuring rule for a correct mix.



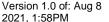


MIXING RATIO	
Product	100 Parts
Hardener	25 Parts
Diluent	50 Parts
Mix ratio	4:1:2

HARDENER	DILUENT
778-900	477-900
@ 20°C 777-900 or less	@ 20°C or less 476-900

These technical data were calculated under controlled laboratory conditions, but SUR QUIMICA has no control over conditions, tools, applicator skills, selection, preparation, or compatibility of products used; therefore, can only guarantee this product quality, its features and qualities' suitability, but is not responsible for the results obtained in conditions impossible to check once the job has been done. SUR QUIMICA has made reasonable efforts to ensure the accuracy of the information provided here, but assumes no responsibility for any error, omission, or inaccuracy in it. If there is any inconsistency between different language issues of this document, Spanish version will prevail.





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Application Viscosity

20 - 22 seconds, Pot Life: 1.5 hours @ 25°C DIN Cup #4

APLICATION EQUIPMENT



For better results, use recommended nozzle size and pressure.



Air Spray	Nozzle	Pressure (PSI)
Conventional Suction Feed	1.3 - 1.4 mm	45 - 50
Standard Gravity Feed	1.3 – 1.4 mm	40 - 45
Gravity Feed HVLP	1.3 mm	50 input (10 output)

Follow equipment manufacturer's recommendations and test before application.

PRODUCT APPLICATION



Dry Film Thickness Number of coats Time Between Coats

> 10 minutes 2.0 -2.5 mils



Comments: Respect curing time between coats and do not exceed recommended thickness.

Drying Times



Data measured at 20°C (68°F).

Drying	TIME	Forced drying	TIME
Dust dry	7 min	Oven @ 60°C:	N/A
Touch Dry	45 minutes	Medium wave infrared	N/A
Dry-to-sand	12 hours	Short wave infrared	N/A

Before the next product N/A Dry to retouch 12 hours Dry to polish 12 hours

SANDING

	SANDING METHOD	# GRIT	FEPA GRIT
	Wet sand by hand	2000 *	N/A

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^{*} Sand only in case of contamination or "orange peel", for wet sanding, lube sandpaper before use

OBSERVATIONS

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N/A

N/A





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Do not exceed the film thickness recommended under APPLICATION.

To apply this product on flexible parts, add KLASS Flexible Additive 31300-015 (see data sheet). In case of contamination or mild "orange peel", use wet #2000 grit sandpaper with soft back or dry #1500 grit with interface pad.

STORAGE, HEALTH AND SAFETY



Keep this product stored for a short period, in dry environment, between 50°F and 95°F. Read and understand all safety instructions on label.



Never add other components than those indicated on this sheet. Doing so may affect its performance and voids all warranties.



If you need more information, check our website https://www.gruposur.com/asistencia/

This a professional/industrial product and it should be applied by properly trained personnel, wearing appropriate Personal Protection Equipment (PPE), as described in its Safety data Sheet (MSDS), available at http://www.gruposur.com

Do not use this product near sources of ignition, such as sparks or equipment with high temperatures. Do not smoke during use. Use in a well aired area.

• Dispose of waste in accordance with local laws and regulations.

If you need to dispose of empty containers of our products in Costa Rica, contact your SUR Color paint store or our industrial compound in La Uruca, San Jose.

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