

TECHNICAL DATA SHEET

Date of issue: 26/02/2021

Last updating: n.



SIRO S.r.l.

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Name:	PREMIERE GLOSSY WHITE GEL	Category:	high performances one-pack paint
Definition:	GEL brushable synthetic enamel	V.O.C. limit:	500 g/l
Code:	37.1.90140	V.O.C. ready to use:	< 500 g/l
Product according to 2004/42/CE			

NATURE OF THE PRODUCT

High quality, high resistance, anti-corrosive thixotropic glossy synthetic enamel. Particularly suitable for painting new or old and rusty ferrous surfaces, for high thickness applications. The applied film remains elastic and adherent even after prolonged outdoor exposure.

GENERAL USES

Specific product for the Do-It-Yourself Line. Decorative enamel to protect or renovate furniture items, door and window frames, metal structural work. Particularly intended for the treatment of non-flat and irregular surfaces, such as grating, railings and similar, where the presence of edges requires thick application without dripping.

APPLICATION METHOD

PREPARATION OF SURFACES

The cleaning of the support must be such as to guarantee the total absence of grease, oil, grease or dirt; this represents a fundamental condition to obtain positive result of the painting cycle.

- Ferrous metal surfaces: remove carefully all traces of grease and moisture. Sand or remove imperfections with a wire brush, then degrease with aqueous alkaline solutions or specific solvent.

To increase the characteristics and overall thicknesses of the paint, a primer from the **PREMIERE** series can be applied in advance and after about 24 hours apply the **PREMIERE GLOSSY WHITE GEL** topcoat.

It can also be used without primer directly on metal, but in this case it is necessary to apply at least two full coats of topcoat.

- Surfaces in aluminium or galvanized sheet: clean the surface by removing any oxidized parts using fine-grained scotch-brite paper, then degrease with aqueous alkaline solutions or specific solvent.

To obtain maximum adhesion on this surface, apply a coat of **MONODOUR WHITE** primer, (code 49.9.90130), overpainting it quickly with **PREMIERE GLOSSY WHITE GEL** waiting a maximum of 30 minutes-1 hour.

PREPARATION OF THE PRODUCT

Carefully mix until an even colour and consistency are obtained. For brush applications: dilute with our synthetic thinner 07.005 at maximum 5%.

APPLICATION

Brush/roller Dilute if necessary at maximum 5%.

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TECHNICAL DATA

PRODUCT TYPE:	One pack product		
APPEARANCE (ASTM D 523):	Glossy (83±5 gloss).		
COLOURS:	White		
SPECIFIC WEIGHT (ISO 2811):	1.26 ± 0.05 kg/l		
SUPPLY VISCOSITY(DIN 53211) :	Tixotropic		
SOLID ON VOLUME:	54% (± 2%)		
SOLIDS CONTENT:	68% (± 2%)		
DRYING AT 20°C	- Dust dry:	2 hours	
	- Touch dry:	6 hours	
	- Total hardening :	24-36 hours	
	- Maximum chemical resistance:	After 14 days	
RECOMMENDED COATS:	One or two		
RECOMMENDED THICKNESS ¹ :	60-80µm		
THEORETIC YIELD:	6-8 m ² /L		
ADHESION (ASTM D 3359) ² :	B=5 on surfaces treated like above reported.		
REPAINTING:	The product can be repainted after 24 hours or after the first coat has completely dried, depending on the conditions of application. When high thicknesses are required, it is important to obtain them with several applications, following the thicknesses indicated for each coat, in order to avoid the formation of wrinkles or abnormal drying, especially in depth.		
STORAGE STABILITY:	Eighteen months, stored in closed packs, in a cool, dry place, away from any sources of heat.		

¹ Thickness of the dry film, for a single coat.

² The evaluation of adhesion varies from a value of 5 = excellent, to a value of 0 = very bad; for more information contact the SIRO SRL technical service.