

SIMPLY® SatinGlo

Specially formulated cross-linking polyurethane enamel

A single component cross linking polyurethane modified alkyd air drying non-drip satin sheen finish coat.

Intended Uses:

SIMPLY® SatinGlo is a high quality, non-drip thixotropic satin sheen polyurethane enamel for interior and exterior use.

This specially formulated cross linking polyurethane enamel cures to form a tough & resilient protective barrier with a pleasing satin sheen finish that is heat, steam, water & chip resistant. Suitable for application in kitchens, bathrooms & factory environments.

Properties:

- Excellent resistance to heat, steam & moisture.
- A one component product that is easy to use & apply.
- Self-priming on most surfaces.
- No dripping during brush application due to the thixotropic nature of the product.
- Excellent durability and washability.
- Used as a decorative and protective finish.

Technical Data:

Composition	Self-cross linking polyurethane
Colour	Available in clear or colours
Pack Size	5 & 20 Litre
Appearance	Satin Sheen
Density (Kg/ Lt)	1.16
Mass Solids	59%
Volume Solids	40%
Viscosity KU	Approx. 125 – 130 KU
Recommended DFT per coat	Min 25µm – Max 50µm
Recommended WFT per coat	Min 62µm – Max 125µm
Number of Coats	2
Method of Application	Brush, roller, or spray
Spreading Rate	16 m ² / Litre at 25µm DFT, allow for loss factors
Storage	Store out of direct sunlight in dry conditions between 5°C and 35°C
Shelf Life	12 months when stored as recommended in original un-opened containers
Overcoating Time	16 hours @ 25°C (Drying times extended in cold, wet, or humid conditions)
Temperature Resistance	Dry continuous – 80°C
Flash Point	23°C

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Whilst we endeavour to ensure that all advice we give about the product is correct, the information given in this data sheet is not intended to be exhaustive and any person using the product for any purpose other than that specifically recommended in this sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so entirely at his own risk. As conditions of use, method of application and suitability of the substrate prior to painting are beyond our control, no guarantee is implied by the recommendations contained herein. We therefore do not accept any liability whatsoever or howsoever arising from the performance of this product or for any loss or damage arising out of the use of this product. The information contained in this sheet is liable to modification from time to time in the light of experience and ongoing product development programmes. It is the user's responsibility to ensure that this sheet is current prior to using the product

Drying Information:

	0°C	5°C	15°C	25°C	40°C	45°C
Touch Dry	-	-	-	4 hrs	-	-
Hard Dry	-	-	-	16 hrs	-	-
Full Cure	-					
Overcoating Data – See Limitations						
Substrate Temp.	0°C	5°C	15°C	25°C	40°C	45°C
Minimum	-	-	-	16 hrs	-	-
Maximum	Extended*					

* A curing temperature below 10°C is not recommended, adequate ventilation should be maintained during application and curing. The figures quoted above have been determined at the quoted temperature and 50% RH. If overcoat limit is reached the coating must be lightly abraded prior to re-coating.

Surface Preparation:

In general, the following guidelines for preparation should be adhered to. Always consult for a detailed specification.

- The areas to be coated should be dry, firm, solid and free from dust, oil, fats, and other contaminants.
- Surface must be free of any fungal growth or algae, clean with Fungicidal Wash
- Laitance and loose particles must be removed thoroughly i.e. grinding /high pressure cleaning

Substrate	Primer	Instruction
Cement Plaster, Concrete, Porous Brickwork	SIMPLY® Plaster Primer SB or SIMPLY® Bonding Liquid SB	Ensure concrete has dried for 4 weeks and cement plaster for 2 weeks.
Gypsum Plaster (Rhinolite) & Fibre Cement Board	SIMPLY® Plaster Primer SB or Deep Penetrating Primer WB	For new surfaces, no preparation before primer application is required.
Mild Steel	SIMPLY® Metal & Rust or SpecNox Anti-Corrosive WB	Clean with Hydrosolve Degreaser and rinse thoroughly with water
Galvanized Iron	SIMPLY® Metal & Rust or SpecNox Anti-Corrosive WB	Clean with Galvanized Iron clear and rinse thoroughly with water
Previously Painted in Good Condition	SIMPLY® Undercoat on glossy enamel surfaces. No primer is required for acrylic painted surfaces.	Glossy surfaces must be sanded down, dusted then cleaned with weak solution of Hydrosolve Degreaser and rinsed thoroughly with water. Allow to dry allow then apply primer.
Previously Painted in Poor Condition	SIMPLY® Plaster Primer SB	Remove any poorly adherent paint by most appropriate means necessary. Clean with a weak solution of Hydrosolve Degreaser and rinse thoroughly with water, allow to dry then apply primer.
Ceramic Tiles	Epoxy WB GP Primer	Remove any poorly adherent paint by most appropriate means necessary. Sand surface down, dust & clean with a solution of Hydrosolve using a scouring pad & rinse thoroughly with water. Allow to dry then apply primer.

Mixing:

Stir thoroughly with a flat paddle or electrical stirrer.

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Application:

Pot Life	No limitation	
Thinner	Mineral Turps	0 – 10% For Air Spray Only
Airless Spray	Tip range 11 – 17 thou. Pressure at the tip should not be less than 170 bar (2500 PSI)	
Air Spray	Gun	Pressure/Gravity Feed
	Fluid Tip	1.1mm to 1.6mm
Brush/Roller	Typically, 30 – 50µm can be achieved	
Work Stoppage	Thoroughly flush all equipment with Solvent EA . All unused material should be stored in tightly closed containers. Partially filled containers may show surface skinning and/or a viscosity increase of the material after storage. Material should be filtered and viscosity e-adjusted before used.	
Clean Up	Clean all equipment immediately after use with Solvent EA . It is good working practice to periodically flush out the spray equipment during the course of the working day. Frequency of cleaning will depend upon the amount sprayed, temperature and elapsed time, including delays.	

Environment:

	Surface Temperature	Ambient Temperature	Relative Humidity
Minimum	7°C*	10°C	No Limit
Maximum	40°C	45°C	85%

* Or 3°C above the dew point

Caution:

- Not recommended for areas where chemical resistance is required.
- Moisture content of substrate may not exceed 15%.
- Do not apply at temperatures below 10°C or if the temperature is likely to fall below 10°C within 4 hours after application.
- Technical and application data herein is for the purpose of establishing a general guideline of the coating application procedures.
- Test performance results were obtained in a controlled laboratory environment and Specialized Coating Systems makes no claim that the exhibited published test results, or any other tests, accurately represent results found in all field environments. As application, environmental and design factors can vary, due care should be exercised in the selection and verification of the performance and use of the coating.
- Always consider a test patch to check suitability & adhesion.
- Always consult with technical department if unsure.
- Refer to product MSDS for health & safety prior to using products.
- Always wear safety clothing / protection. Respirators, eye protection and skin protection.

Systems:

Consult with Specialized Coating System for application specific recommendations.

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