

## Technical Data Sheet

Issue date January 2024

for professional use only

# Latico 5850 2K Acrylic Clearcoat

### Product description



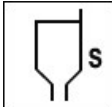
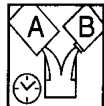


Latico 5850 is a 2K acrylic clearcoat suitable for fast repairs and air-drying conditions. It is especially designed for use over basecoats. Latico 5850 should be mixed with Latico hardeners 5600 normal, 5610 fast and 5620 slow, and with Latico thinners 5550 normal and 5560 slow in order for the clearcoat to reach optimum performances.

### Substrates

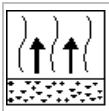
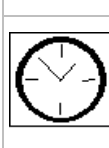

Latico 5850 should be applied over basecoat colors or properly prepared old paint work in sound conditions.

Existing job should be properly sanded and degreased prior to applying Latico 5850 clearcoat.

### Application

	<b>Mixing ratio:</b>			
(4:1:0.25-0.5)	<b>Latico5850MS Clearcoat</b>	<b>Latico MS Hardeners</b>	<b>Latico 2K Thinners:</b>	
	100%	25%		
		5610 Fast 5600 Normal 5620 Slow	5550 Normal, 5560 Slow	
	<b>Use mixing ruler</b>			
	<b>Application viscosity:</b>			
	15-18 s (DIN4/20°C)			
	<b>Pot life:</b>			
	2 h at 20°C			
	<b>Spraygun tips:</b>			
	<b>Spray Nozzle</b>	<b>Inlet pressure</b>	<b>Atomization pressure</b>	
	Compliant	1.2-1.3mm	2 bars (26- 29 psi)	
	HVLP	1.2-1.3mm	2 bars (26- 29 psi)	0.7bar (8-10 psi)
	Conventional	1.2-1.3mm	3-3.5 bar (45-50 psi)	
	Refer to the spray gun manufacturer's recommendation.			
	<b>Number of coats:</b>			
	Apply 2 normal coats.			
	Total dry film thickness 50-60 microns.			

**IMPORTANT NOTE:** These TDS are for information purposes only without any obligation as we do not have control over the quality and conditions of the surface or application.

	<b>Flash off time:</b> 3-5 min/20°C between coats; 10-15 min/20°C before baking;
	<b>Drying time:</b> 6 h/20°C 20-30 min/60°C
	<b>IR drying:</b> Short wave*: 8-10 min *Guideline for IR equipment Refer to the IR equipment manufacturer's instruction for sets-up.

### General notes

#### Choice of Latico hardeners

Latico offers a range of hardeners to meet every type and size of car repair under every application conditions. The recommendations below are for guidance only:

Latico 5610 Fast hardener is used for spot repair and one-two panel repairs for temperatures from 18°C-20°C.

Latico 5600 Normal hardener is suitable for large areas, i.e., for all repairs at temperatures up to 25°C.

Latico 5620 Slow hardener is recommended for temperatures above 30°C.

#### Choice of Latico thinners

Latico 5550 Normal thinner is a universal thinner for Latico products. It adjusts the application viscosity at temperatures 15-25°C.

Latico 5560 Slow thinner is a universal thinner for Latico products. It adjusts the application viscosity at temperatures above 30°C.

#### Rectification and polishing

Latico 5850 clearcoat does not require polishing. In a case that some dirt has occurred, denib with P1500 or finer and polish by machine using a high-quality polish. Polishing is easiest up to 24 h after the drying time.

#### Other tips

1. For optimum application, ensure that both spray booth temperature and paint temperature is between 20°C and 25°C.
2. Generally, use a slower thinner in fast air movement booths, for large repairs and for high temperature application. Use a faster thinner in slow air movement booths, for small repairs and applications at lower temperatures.
3. Clean the spray gun thoroughly immediately after use of 2K products.

#### VOC (2004/42/EC)

2004/42/IIB(e) (840)670

The EU limit value for this product (product category: IIB.e) in ready for use form is maximum 840 g/l of VOC. The VOC content of this product in ready for use form is maximum 670 g/l.

#### Health and Safety

1. For full Health and Safety information refer to Material Safety Data Sheet (MSDS).
2. Observe the precautionary notices displayed on the container.
3. Goggles and suitable protective equipment must be worn while using these products.
4. Good ventilation must be provided in the working environment.

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