

## Latico 5850 2K Acrylic Clearcoat

### Product description

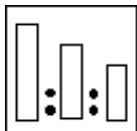
Latico 5850 is a 2K acrylic clearcoat suitable for fast repairs and air drying conditions. It is especially designed for use over basecoats. Latico 5850 should be mixed with Latico hardeners 5600 normal, 5610 fast and 5620 slow, and with Latico thinners 5550 normal and 5560 slow in order for the clearcoat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

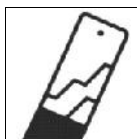
### Application



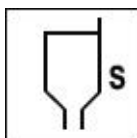
**Mixing ratio:**  
100:25:10-20  
(4:1:0.25-0.5)

100% Latico 5850 Clearcoat  
25% Latico Hardeners: 5600 Normal, 5610  
Fast, or 5620 Slow  
10-20% Latico Thinners: 5550 Normal or 5560  
Slow

Note: Select appropriate hardener and thinner according to ambient temperature, air movement and size of the surface to be painted.



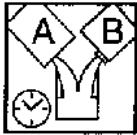
Use mixing ruler



Application viscosity:  
15-18 s (DIN4/20°C)

For professional use only

Issue: January 2018  
Superseded: May 2015

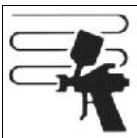


**Pot life:**  
2 h at 20°C



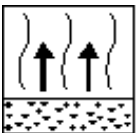
**Spraygun tips:**  
1.3-1.4 mm  
Conventional:  
3.0-3.5 bar/45-50 psi inlet  
HVLP: 2 bar/30 psi inlet

Refer to the spray gun manufacturer's recommendation.



**Number of coats:**  
Apply 2 normal coats.

Total dry film thickness 50-60 microns.



**Flash off time:**  
3-5 min/20°C between coats;  
10-15 min/20°C before baking;



**Drying time:**  
6 h/20°C  
20-30 min/60°C



**IR drying:**  
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 an universal thinner for Latico products. It adjusts the application viscosity at temperatures 15-25°C.

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

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***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 spraygun 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.

**IMPORTANT NOTE:** These products are for professional use only. The information in this Technical Data Sheet is based on our best knowledge and given for information purposes only without any obligation as we do not have control over the quality and conditions of the surface, or over many factors affecting the use and application of the product. Always read the Material Safety Data Sheet and the Technical Data Sheet for this product if available.