

## Technical Data Sheet

Issue date January 2024

for professional use only

# Latico 5950 2K HS Acrylic Clearcoat

### Product description

Latico 5950 is a high solids clearcoat suitable for use in all type of repairs. It offers easy application, high gloss, and long-lasting resistance. It is used with Latico HS hardeners 5955 to give optimal performances and final finish especially when baked.






### Substrates

Latico 5950 HS clearcoat should be applied over:

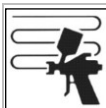
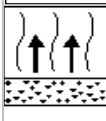


1. Kapcibase 670 solvent-based basecoat;
2. Properly prepared paint work in good conditions;

Existing job should be properly sanded and degreased. For cleaning and degreasing the surface prior to applying the basecoat it is recommended to use Kapci Degreaser 605.

### Application

|  | <p><b>Mixing ratio:</b><br/>100:50:10</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #f2f2f2;"> <th style="width: 33%;">Latico 5950 HS Clearcoat</th> <th style="width: 33%;">Latico 5950 Hardeners</th> <th style="width: 33%;">Latico 2K Thinners:</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">100%</td> <td style="text-align: center;">50%</td> <td style="text-align: center;">10%</td> </tr> <tr> <td></td> <td style="text-align: center;">5955 Normal</td> <td style="text-align: center;">5550 Normal,<br/>5560 Slow</td> </tr> </tbody> </table>   | Latico 5950 HS Clearcoat  | Latico 5950 Hardeners | Latico 2K Thinners: | 100%                 | 50%       | 10%       |                     | 5955 Normal | 5550 Normal,<br>5560 Slow |           |                     |                   |              |           |                       |  |
|---|--|---------------------------|-----------------------|---------------------|----------------------|-----------|-----------|---------------------|-------------|---------------------------|-----------|---------------------|-------------------|--------------|-----------|-----------------------|--|
| Latico 5950 HS Clearcoat  | Latico 5950 Hardeners  | Latico 2K Thinners:       |                       |                     |                      |           |           |                     |             |                           |           |                     |                   |              |           |                       |  |
| 100%  | 50%  | 10%                       |                       |                     |                      |           |           |                     |             |                           |           |                     |                   |              |           |                       |  |
|   | 5955 Normal  | 5550 Normal,<br>5560 Slow |                       |                     |                      |           |           |                     |             |                           |           |                     |                   |              |           |                       |  |
|  | <p><b>Use measuring stick</b></p>  |                           |                       |                     |                      |           |           |                     |             |                           |           |                     |                   |              |           |                       |  |
|  | <p><b>Application viscosity:</b><br/>18-20 s (DIN4/20°C)</p>   |                           |                       |                     |                      |           |           |                     |             |                           |           |                     |                   |              |           |                       |  |
|  | <p><b>Pot life:</b><br/>4 h at 20°C</p>  |                           |                       |                     |                      |           |           |                     |             |                           |           |                     |                   |              |           |                       |  |
|  | <p><b>Spraygun tips:</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #f2f2f2;"> <th></th> <th>Spray Nozzle</th> <th>Inlet pressure</th> <th>Atomization pressure</th> </tr> </thead> <tbody> <tr> <td>Compliant</td> <td style="text-align: center;">1.3-1.4mm</td> <td style="text-align: center;">2 bars (26- 29 psi)</td> <td></td> </tr> <tr> <td>HVLP</td> <td style="text-align: center;">1.3-1.4mm</td> <td style="text-align: center;">2 bars (26- 29 psi)</td> <td style="text-align: center;">0.7bar (8-10 psi)</td> </tr> <tr> <td>Conventional</td> <td style="text-align: center;">1.3-1.4mm</td> <td style="text-align: center;">3-3.5 bar (45-50 psi)</td> <td></td> </tr> </tbody> </table> <p>. Refer to the spray gun manufacturer's recommendation.</p> |                           | Spray Nozzle          | Inlet pressure      | Atomization pressure | Compliant | 1.3-1.4mm | 2 bars (26- 29 psi) |             | HVLP                      | 1.3-1.4mm | 2 bars (26- 29 psi) | 0.7bar (8-10 psi) | Conventional | 1.3-1.4mm | 3-3.5 bar (45-50 psi) |  |
|   | Spray Nozzle   | Inlet pressure            | Atomization pressure  |                     |                      |           |           |                     |             |                           |           |                     |                   |              |           |                       |  |
| Compliant   | 1.3-1.4mm  | 2 bars (26- 29 psi)       |                       |                     |                      |           |           |                     |             |                           |           |                     |                   |              |           |                       |  |
| HVLP  | 1.3-1.4mm  | 2 bars (26- 29 psi)       | 0.7bar (8-10 psi)     |                     |                      |           |           |                     |             |                           |           |                     |                   |              |           |                       |  |
| Conventional  | 1.3-1.4mm  | 3-3.5 bar (45-50 psi)     |                       |                     |                      |           |           |                     |             |                           |           |                     |                   |              |           |                       |  |

**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.

|   |  |
|---|--|
|  | <p><b>Number of coats:</b><br/>Apply 2 normal coats.<br/>Total dry film thickness 50-60 microns.</p>   |
|  | <p><b>Flash off time:</b><br/>4-7 min/20°C between coats<br/>20 min/20°C before baking</p>   |
|  | <p><b>Drying time:</b><br/>14-16h/20°C<br/>30 min/60°C</p>   |
|  | <p><b>IR Drying:</b><br/>Short wave*: 10-15 min<br/>*Guideline for IR equipment. Refer to the IR equipment manufacturer's instruction for sets up.</p> |

## General notes

### Rectification and polishing

Latico 5950 HS clearcoat does not require polishing as it offers very good gloss. 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 are between 20°C and 25°C. This is particularly important for high solid systems.
2. To reach optimum performances of high solids clearcoats, baking is recommended.
3. Clean the spraygun thoroughly immediately after use of 2K products.

### Health and Safety

1. For full Health and Safety information please 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.