Classic Car – Repair process for wood

Description: Refinishing process for the restoration of classic cars
Solid wood coating

- For wood coating, it is essential that the material can be dried at room temperature because forced drying can lead to pinholes and solvent popping, starting from the wood pores.

- Please note that the finish quality of the painted object depends heavily on the quality of the wood used. This applies to hardness and finish quality as well as to the resistance to temperature changes and humidity.

Cleaning

| Cleaning | 541-5 §
| Wax and Silicone Remover | 1x | Wipe dry | Sanding of old paintwork | 1x | 1 h at 20°C |

- Resin-exuding wood cannot be coated.

- Open, absorbing wood surfaces have to be prime-sealed in order to close the wood pores, thus achieving a better adhesion and avoiding swelling of the paint system which is going to be applied later.

- Generally, it is possible to differentiate between two paint systems:
  1. Preserving the natural grain structure
  2. Coating wood with covering colours.

1. Preserving the natural grain structure

Clear

| 923-335 §
| Glasurit® HS Multi Clear VOC | 929-31 §
| Glasurit® Hardener VOC | 352-216 §
| Glasurit® Reducer | Wet coat | 2:1+30% | 24 h at 20°C |
| 352-216 §
| Glasurit® Reducer | P400 | denibbing |

Clear

| 923-335 §
| Glasurit® HS Multi Clear VOC | 929-33, -34 §
| Glasurit® VOC Hardener | 352-216 §
| Glasurit® Reducer | 2:1+10% mixing stick | HVLP 1.3 mm | 2.0-3.0 bar | 2 | 40-60 µm | 10 h at 20°C |

Please refer to the EU Material Safety Data Sheet for product labelling as required by Directive 1999/45/EC and the respective national rules. The products are suitable for professional use only.

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## Technical Information

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#### 2. Coating wood with covering colors

Clean the surface with 700-10 Glasurit® Degreasing and cleansing agent before applying 285-270

|-----------------|---------------------------------|---------------------------|-------------------------------|---------|-------------------------|-------------------|------------------|

or alternatively: 285-230 / 285-290 Glasurit® Primer Filler

- The body filler is to be used only to level out small irregularities. An application to larger areas can lead to delamination.

#### Body filler

| 839-20/20K Glasurit® Multi-Purpose Body Filler | 948-36 Glasurit® Hardener Paste, red | + 2.5% | 20–30 min at 20°C | P240/P320 | 362-50 | Wipe dry |

Clean the surface with 700-10 Glasurit® Degreasing and cleansing agent before applying 285-270

<table>
<thead>
<tr>
<th>Primer filler</th>
<th>285-270 Glasurit® VOC Primer Filler</th>
<th>929-58 Glasurit® Hardener</th>
<th>352-91, -216 Glasurit® Reducer</th>
<th>4 : 1 : 1</th>
<th>HVLP 1.7-1.9 mm 2.0-2.3 bar</th>
<th>1/4 : 1 50 – 70 µm</th>
<th>Over night</th>
</tr>
</thead>
</table>

or alternatively: 285-230 / 285-290 Glasurit® Primer Filler

#### Topcoat

| 22 VOC Glasurit® HS 2K Topcoat | 929-33, -34 Glasurit® Hardener VOC | 352-216 Glasurit® Reducer | 2 : 1 : 10% mixing stick | HVLP 1.3 mm 2.0-3.3 bar | 50-70 µm | 8 h at 20°C |

or

#### Topcoat

| 90 Line Glasurit® Basecoat | 93-E3 Glasurit® Adjusting Base | 2 : 1 mixing stick | HVLP 1.3 mm 2.0-3.3 bar | 2 + ½ 10-15 µm | Flash off until dry between spraycoats and before clearcoat application |

#### Clear

| 923-335 Glasurit® HS Multi Clear | 929-33, -34 Glasurit® VOC Hardener | 352-216 Glasurit® Reducer | 2 : 1 : 10% mixing stick | HVLP 1.3 mm 2.0-3.3 bar | 2 40-60 µm | 10 h at 20°C |

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