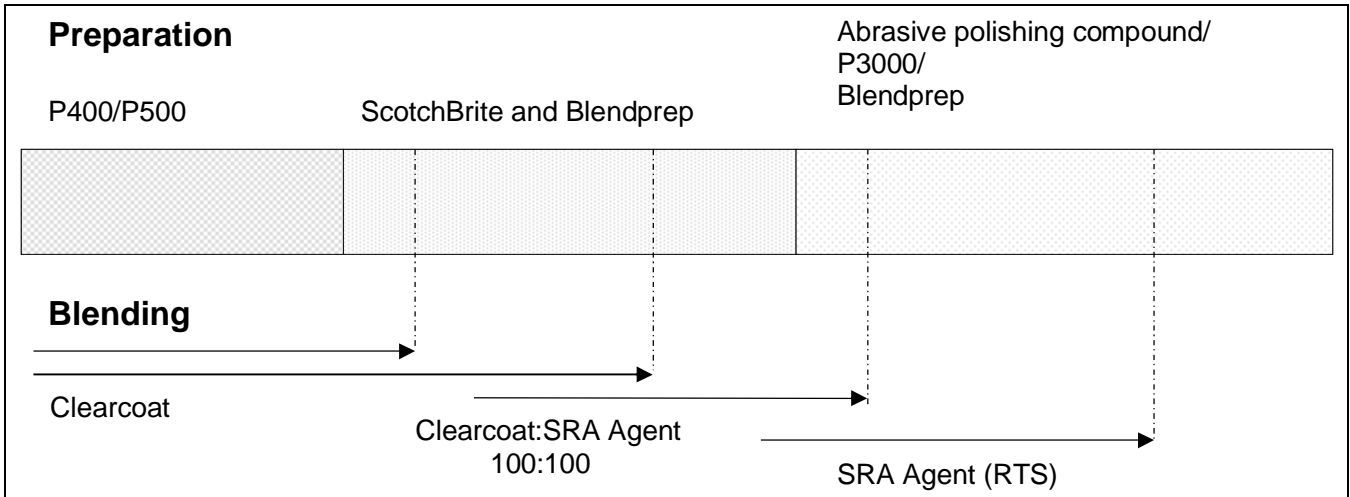


Topcoat / Clearcoat Blending

FOR PROFESSIONAL USE ONLY

Description

The term spot repair and blending is understood to include all repairs of damaged areas resulting in an invisible repair or blend into the still intact existing OEM finish. As a result, the car refinisher is not compelled to spray complete panels in the instance of minor damage. The application method and technique described below is appropriate for spots and blends with all Sikkens topcoats.



Blend area preparation



Thoroughly polish the blending area with an abrasive polishing compound, preferably in combination with a polishing machine.

Optional: the blend area can be treated with very fine abrasive like P3000 or comparable



Remove any surface contamination with an appropriate surface cleaner prior to topcoat/clearcoat application.

Ensure it is thoroughly cleaned and wiped dry with high performance surface cleaning cloths.

Topcoat / Clearcoat Blending

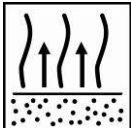
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Blending application

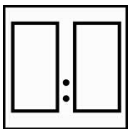


Apply topcoat / clearcoat according TDS recommendation

Extend the 2nd coat beyond the 1st coat



Respect flash-off times according TDS at 20°C

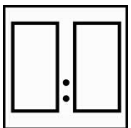


100 Topcoat / clearcoat RTS
 100 SRA Agent / SRA / SRA LV

Extra thinned material creates a lower spray viscosity.

Apply the following blending steps using a reduced application pressure.

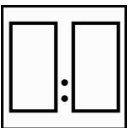
Note: The combination of Autocryl Plus LV Thinner HT and SRA agent should not be used.



100 Autoclear WB 2.0 RTS
 100 Autoclear WB 2.0 Thinner SRA

Extra thinned material creates a lower spray viscosity.

Apply the following blending steps using a reduced application pressure.



100 Autoclear 2.0 RTS
 100 Autoclear 2.0 SRA

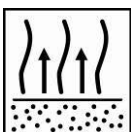
Extra thinned material creates a lower spray viscosity.

Apply the following blending steps using a reduced application pressure.

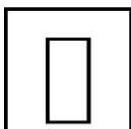


Apply one full flowing coat over the blend area, slightly fading into the polished area.

Optional: fade into the area treated with P3000



Approximately 15-30 seconds at 20°C



SRA Agent (RTS)
 SRA (RTS)
 SRA LV (RTS)
 Autoclear WB 2.0 Thinner SRA (only for Autoclear WB 2.0)
 Autoclear 2.0 SRA (only for Autoclear 2.0)



Apply 1-3 thin coats on the blending area, extending forward into the polished area.

Allow for approximately 15-30 seconds flash off time between layers.

Topcoat / Clearcoat Blending

FOR PROFESSIONAL USE ONLY

Drying



Drying of the topcoat / clearcoat according product TDS recommendations.

Let the object cool down to ambient temperature prior to polishing



Additional drying by infra red will secure optimum through hardening in the blend area.

*For additional infra red drying information; see TDS 7.9 Infra Red Curing for CR Products.
 Let the object cool down to ambient temperature prior to polishing*

Polishing of the blended area



Polish the blended area by hand or machine using a fine polishing compound.
 Use coarser polishing compound in case more effort is needed.

Polishing by machine using a soft compounding pad at low rotation speed, use a hard pad in case more effort is needed

Suitable products

SRA Agent, SRA and SRA LV can be use in all Sikkens topcoats and clearcoats with the exception of Autoclear UV, Autoclear WB & Autoclear 2.0
 Autoclear WB 2.0 Thinner SRA can be used in Autoclear WB 2.0

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IMPORTANT NOTE The information in this data sheet is not intended to be exhaustive and is based on the present state of our knowledge and on current laws: any person using the product for any purpose other than that specifically recommended in the technical data sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at his own risk. It is always the responsibility of the user to take all necessary steps to fulfill the demands set out in the local rules and legislation. Always read the Material Data Sheet and the Technical Data Sheet for this product if available. All advice we give or any statement made about the product by us (whether in this data sheet or otherwise) is correct to the best of our knowledge but we have no control over the quality or the condition of the substrate or the many factors affecting the use and application of the product. Therefore, unless we specifically agree in writing otherwise, we do not accept any liability whatsoever for the performance of the product or for any loss or damage arising out of the use of the product. All products supplied and technical advices given are subject to our standard terms and conditions of sale. You should request a copy of this document and review it carefully. The information contained in this data sheet is subject to modification from time to time in the light of experience and our policy of continuous development. It is the user's responsibility to verify that this data sheet is current prior to using the product.

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