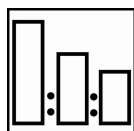


Autoclear LV Exclusive

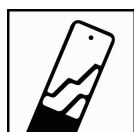
FOR PROFESSIONAL USE ONLY

Description

Two-pack VOC compliant self healing clearcoat, with dedicated hardener and reducer. The clearcoat ensures optimum application properties and a robust and reliable product performance. The clearcoat offers a superb gloss level on Autowave and has excellent car wash resistance.



100 Autoclear LV Exclusive
60 Autoclear LV Exclusive Hardener
20 Autoclear LV Exclusive Reducer



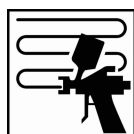
Use Sikkens measuring stick

31 Blue

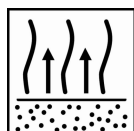


Spray gun set-up:
1.2-1.4 mm

Application pressure:
1.7-2.2 bar at the air inlet
HVLP max 0.6-0.7 bar at the air cap

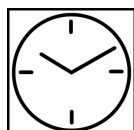


2 x 1 coat
First apply a medium closed coat, next apply a full coat



Between coats
3-5 minutes at 20°C

Before curing
3-5 minutes at 20°C



Drying time:
40 minutes at 60°C



Use suitable respiratory protection
Akzo Nobel Car Refinishes recommends the use of a fresh air supply respirator.

Read complete TDS for detailed product information

Autoclear LV Exclusive

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Description

Two-pack VOC compliant self healing clearcoat, with dedicated hardener and reducer. The clearcoat ensures optimum application properties and a robust and reliable product performance. The clearcoat offers a superb gloss level on Autowave and has excellent car wash resistance.

Product and additives

Clearcoat	Autoclear LV Exclusive
Hardener	Autoclear LV Exclusive Hardener
Reducer	Autoclear LV Exclusive Reducer

Basic raw materials

Autoclear LV Exclusive:	Polyol resins
Autoclear LV Exclusive Hardener:	Poly-isocyanate resins

Suitable substrates

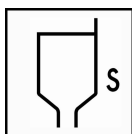
Autowave
Autowave 2.0

Mixing ratio

100 parts by volume of Autoclear LV Exclusive
60 parts by volume of Autoclear LV Exclusive Hardener
20 parts by volume of Autoclear LV Exclusive Reducer

Use mixing stick No. 31

Viscosity



15-17 seconds DIN Cup 4 at 20°C

Spray gun set-up / application pressure

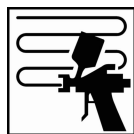


Spray gun
Gravity

Fluid tip – set-up
1.2-1.4 mm

Application pressure
1.7-2.2 bar at the spray gun air inlet
HVLP max 0.7 bar at the air cap

Application process & blending



Apply a light flowing closed coat, allow for 3-5 minutes flash off and apply a full flowing coat. Flash off 3-5 minutes before bake.

Recoat with itself within 24 hours
For blending, see TDS S8.01.01

Autoclear LV Exclusive

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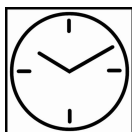
Pot-life

Autoclear LV Exclusive

1 hour at 20°C

Drying times

Allow 5-10 minutes flash off time when drying in a throughput booth.
All drying times relate to standard application and object temperature



60°C	Dust dry	5 minutes
	Dry to handle*	20 minutes

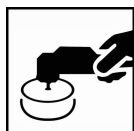
*Dry to handle

Following the drying cycle at 60°C object temperature, allow the Autoclear LV Exclusive to cool fully to ambient temperature.



Allow 5 minutes flash off prior to infra red curing
The panel temperature should not exceed 100°C.
For additional information, see TDS S9.01.01

Polishability



Ready to polish 3 hours after cool down to ambient temperature, preferably overnight for optimal results.

Film thickness

	µm
Per coat	20-30
By using the recommended application	45-60

Theoretical Coverage

	m²/liter
Ready for use mixture at 1 µm dry film thickness:	515

The practical coverage depends on many factors i.e. shape of the object, roughness of the surface, application techniques, pressure and application circumstances.

Cleaning of equipment

Sikkens Solvent or solvent borne guncleaners

VOC

The EU limit value for this product (product category: IIB.d) in ready to use form is max. 420 g/l VOC.
The VOC content of this product in ready to use form is max. 420 g/liter.

Autoclear LV Exclusive

FOR PROFESSIONAL USE ONLY

Product storage

Product shelf-life is determined when products are stored unopened at 70°C (20°C).
Avoid extreme temperature fluctuation.

o Product shelf life data see TDS S9.01.02

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Tel: +31(0)71308-6944

FOR PROFESSIONAL USE WITH SUITABLE HS&E EQUIPMENT

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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