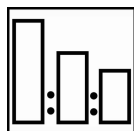


Autoclear 2.0

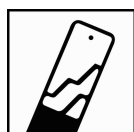
FOR PROFESSIONAL USE ONLY

Description

Two-pack VOC compliant clearcoat concept, designed for optimum application properties. This concept covers all sizes of repairs at optimum quality levels under all application conditions. The clearcoat technology will ensure a very robust and reliable product performance combined with high gloss level on Autowave 2.0.



- 3 Autoclear 2.0
- 3 Autoclear 2.0 Hardener
- 1 Autoclear 2.0 Reducer Fast / Slow / HT



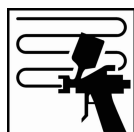
Use Sikkens measuring stick

21 Pink

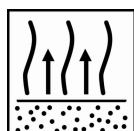


Spray gun set-up:
1.2-1.3 mm

Application pressure:
2.0-2.2 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

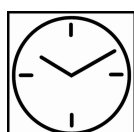


Between coats
Reducer Fast / Slow
3-5 minutes at 20°C

Before curing
Reducer Fast / Slow
3-5 minutes at 20°C

Reducer HT
3-5 minutes at 30°C

Reducer HT
3-5 minutes at 30°C



	40°C	60°C
Reducer Fast	30 minutes	15 minutes
Reducer Slow	45 minutes	30 minutes
Reducer HT	90 minutes	30 minutes



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 2.0

FOR PROFESSIONAL USE ONLY

Description

Two-pack VOC compliant clearcoat concept, designed for optimum application properties. This concept covers all sizes of repairs at optimum quality levels under all application conditions. The clearcoat technology will ensure a very robust and reliable product performance combined with high gloss level on Autowave 2.0.

Product and additives

Autoclear 2.0

Hardener Autoclear 2.0 Hardener

Reducers Autoclear 2.0 Reducer Fast
Autoclear 2.0 Reducer Slow
Autoclear 2.0 Reducer HT

*Autoclear 2.0 SRA blending thinner

**No plastisizer required for flexible parts

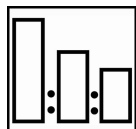
Basic raw materials

Autoclear 2.0: Polyol resins
Autoclear 2.0 Hardener: Poly-isocyanate resins

Suitable substrates

Autowave 2.0
Autowave MM Optima

Mixing

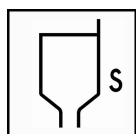


3 Autoclear 2.0
3 Autoclear 2.0 Hardener
1 Autoclear 2.0 Reducer Fast / Slow / HT

Use measuring stick No. 21 Pink

Note: Mix the paint after components A, B and C have been added!

Viscosity



Reducer Fast / Slow: 15-17 seconds DIN Cup 4 at 20°C
Reducer HT: 14-16 seconds DIN Cup 4 at 30°C

Spray gun set-up / application pressure



Spray gun
Gravity feed

Fluid tip – set-up

1.2-1.3 mm

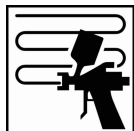
Application pressure

2.0-2.2 bar at the spray gun air inlet
HVLP max 0.6-0.7 bar at the air cap

Autoclear 2.0

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Application process & blending

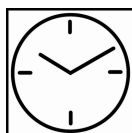


Apply a medium closed coat, allow for 3-5 minutes flash-off time and apply a full coat.
Flash off 3-5 minutes before baking.
Recoat with itself within 24 hours
For blending, see TDS S8.01.01.
Note: Always use Autoclear 2.0 SRA for blending thinner

Pot-life

Autoclear 2.0 (Reducer Fast)	1.5 hours at 20°C
Autoclear 2.0 (Reducer Slow)	2 hours at 20°C
Autoclear 2.0 (Reducer HT)	2.5 hours at 30°C
Autoclear 2.0 (Reducer HT)	1.5 hours at 40°C

Drying times



		20°C	30°C	40°C	60°C
AC2.0 (Reducer Fast)	Dust dry	25 minutes	-	10 minutes	5 minutes
	Dry to polish	16 hours	-	30 minutes	15 minutes
AC2.0 (Reducer Slow)	Dust dry	45 minutes	-	20 minutes	10 minutes
	Dry to polish	16 hours	-	45 minutes	30 minutes
AC2.0 (Reducer HT)	Dust dry	-	60 minutes	30 minutes	10 minutes
	Dry to polish	-	2.5 hours	1.5 hours	30 minutes

Drying times (continued)



Allow 5 minutes flash off prior to infra red curing

	Low power	High power
Autoclear 2.0 (Reducer(s) Fast / Slow	4 minutes	8 minutes

The panel temperature should not exceed 100°C.
For additional information, see TDS S9.01.01

Autoclear 2.0

FOR PROFESSIONAL USE ONLY

Polishability



Ready to polish after the stated air-dry times or directly after cool down to ambient temperature.

Film thickness

By using the recommended application (2 coats)

45-60 µm

Theoretical Coverage

Ready for use mixture at 1 µm layer thickness

522 m²/liter

Cleaning of equipment

Sikkens Solvents or solvent borne guncleaners

VOC

2004/42/IIIB(d)(420)420

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

Product storage

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

o Product shelf life data see TDS S9.01.02

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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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