

Dynacoat Clear 5000HS offers a one stop shop for various types of repairs and conditions. It delivers on its promise of excellent gloss and flow at OEM finish quality. Two layers of this high solids product are sufficient for an excellent result. Clear 5000 is very easy to apply and to polish. Different Dynacoat hardeners and thinners are available to adjust the clear to different application conditions. **This product is not for sale to vehicle refinishers in the EU, who need to comply with the Directive 2004/42/EC**

**MIXING RATIO**

2 Dynacoat Clear 5000HS
1 Dynacoat Hardener
10-20% Dynacoat Thinner

**MIXING STICK**

Use Dynacoat mixing stick D1

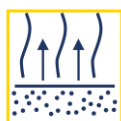
**EQUIPMENT**

Spray gun set-up: 1.2-1.4 mm
Application pressure: 1.7-2.2 bar at the air inlet*

*See user manual spray gun

**APPLICATION**

2 x 1 coat
First apply a flowing closed layer, followed by a full flowing layer

**FLASH-OFF**

5-10 minutes between coats
10 minutes before curing

**DRYING**

	20°C	60°C
Dynacoat Hardeners	8 hours	20 minutes

**PROTECTION**

Use suitable respiratory protection. AkzoNobel Vehicle Refinishes recommends the use of a fresh air supply respirator.

PRODUCT AND ADDITIVES	Dynacoat Clear 5000HS Dynacoat Hardener Fast Dynacoat Hardener Medium Dynacoat Hardener Slow Dynacoat Thinner Fast Dynacoat Thinner Medium Dynacoat Thinner Slow		
BASIC RAW MATERIALS	Dynacoat Clear 5000 HS:	acrylic resins	
	Dynacoat Hardener:	poly-isocyanate resins	
SUITABLE SUBSTRATES	Solventborne basecoats and existing finishes		
MIXING	2:	Dynacoat Clear 5000HS	
	1:	Dynacoat Hardener	
	0-20%:	Dynacoat Thinner	
	<i>Use mixing stick D1</i>		
VISCOSITY	15-18 seconds DIN Cup 4 at 20°C		
POTLIFE	2-3 hours at 20°C		
SPRAY GUN FLUID TIP AND WORKING PRESSURE	Spray gun: Gravity feed:	Fluid tip: 1.2 - 1.4 mm	Pressure: 1.7 – 2.2 bar (see user manual spray gun) HVLP max 0.7 at air cap
APPLICATION	Apply a flowing closed layer, allowing for 5-10 minutes flash-off time at 20°C. (depends on hardener / thinner combination used) Next, apply a full flowing layer allowing for 10 minutes flash-off time at 20°C before bake. <i>*This time can be greatly influenced by the conditions at the time of application</i>		
CLEANING OF EQUIPMENT	Use Guncleaner, or nitrocellulose thinner		
FILM THICKNESS	Per coat:	25-30 µm	
	Recommended application (2 layer):	45-60 µm	

DRYING

	20°C	60°C
Dry to handle	8-10 hrs**	20-35 min**

**Depending on hardener used

INFRA RED

Dry to handle after	4 minutes low power	8 minutes high power
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THEORETICAL COVERAGEReady for use mixture at 1 µm layer thickness: ± 338 m²/liter*The practical coverage depends on many factors i.e. shape of the object, roughness of the surface, application method and application circumstances.***POLISHABILITY**

Ready to polish minimum 1 hour after cool down to ambient temperature.

PRODUCT STORAGE

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

SHELF LIFE

4 years at 20°C.

VOC

The VOC content of this product in ready to use form is 600 g/liter RTS mixture

Akzo Nobel Car Refinishes B.V.
 Address: Rijksweg 31, PO Box 3, 2170 BA Sassenheim
 Tel: +31(0)71308-6944

FOR PROFESSIONAL USE ONLY

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 fulfil 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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Head Office

Akzo Nobel Car Refinishes B.V., PO Box 3, 2170 BA Sassenheim, The Netherlands. www.dynacoat.com