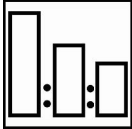



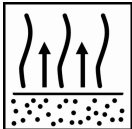




Dynacoat Clear 5000 – D1.05.13

Description Dynacoat Clear 5000 is a top-class clearcoat that stands out thanks to its excellent flow and a brilliant appearance. It is a multi-purpose clear and the right choice for small and large repairs. 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.

Mixing ratio		2 1 10-20%	Dynacoat Clear 5000 Dynacoat Hardeners Dynacoat Thinners
Mixing stick		Use Dyna measuring stick No. 1	
Equipment		Spray gun set-up: 1.2-1.4 mm	Application pressure: 2 -4 bar * <small>* see user manual spraygun used</small>
Application		2 x 1 coat First apply a flowing closed layer, Followed by a full flowing layer after indicated flash off time	
Flash-off		Between coats 10-15 minutes at 20°C	Before curing 10-15 minutes at 20°C
Drying		Dynacoat Hardeners	20°C 10-12 hours 60°C 30-45 minutes
Protection		Use suitable respiratory protection AkzoNobel Car Refinishes recommends the use of a fresh air supply respirator.	

Read complete technical data sheet for detailed product information

TECHNICAL INFORMATION

Description Dynacoat Clear 5000 is a top-class clearcoat that stands out thanks to its excellent flow and a brilliant appearance. It is a multi-purpose clear and the right choice for small and large repairs. 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.

Product and additives

Dynacoat Clear 5000

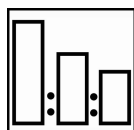
Hardeners Dynacoat Hardener Fast
Dynacoat Hardener Medium
Dynacoat Hardener Slow

Thinners Dynacoat Thinner Fast
Dynacoat Thinner Medium
Dynacoat Thinner Slow
Dynacoat Clear 8000 Thinner Slow
Dynacoat Thinner Clear Slow

Suitable substrates

Solventborne Basecoats and hard dry finishes

Mixing



2 Dynacoat Clear 5000
1 Dynacoat Hardeners
10-20% Dynacoat Thinners

Use measuring stick No. 1

Spray gun set-up and application pressure

Gravity feed	1.2-1.4 mm	2.0 – 4.0 bar,**
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**see user manual spraygun used

Application

Apply a flowing closed layer, allowing for a 10-15 minutes flash-off time at 20°C. (depends on hardener / thinner combination used)
Next, apply a full flowing layer allowing for a 10-15 minutes flash-off time at 20°C before bake.
This time can be greatly influenced by the conditions at the time of application

Pot-life

All Dynacoat Hardeners	2-3 hours at 20°C
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Drying times

	20°C	60°C
Dry to handle	10 - 12 hrs	30 -45 min**

**Depends on hardener used

Infra Red

Dry to handle after	4 minutes low power	8 minutes high power
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TECHNICAL INFORMATION

Polishability

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

Film thickness

Per coat:	25-30 μm
Recommended application (2 layer):	45-60 μm

Theoretical coverage

Ready for use mixture at 1 μm layer thickness: $\pm 338 \text{ m}^2/\text{liter}$

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

Cleaning of equipment

Use Guncleaner, or nitrocellulose thinner

Product storage

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

Avoid extreme temperature fluctuation.

Shelflife; 4 years at 20°C.

VOC

The VOC content of this product in ready to use form is 592 g/liter RTS mixture

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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 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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