

TECHNICAL INFORMATION

DYNACOAT CLEAR 9000

— D1.05.16 UK & Ireland

Two pack VOC compliant clearcoat to be used over Dynacoat Basecoat Waterborne. For small spot repairs up to total resprays in all conditions. Dynacoat Clear 9000 has an excellent gloss, appearance and durability with a quick drying time.

**MIXING RATIO**

2 Dynacoat Clear 9000
 1 Dynacoat Hardener 420
 10% Dynacoat Thinner 420 / Extra Speed

**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 medium closed coat, followed by a full coat

**FLASH-OFF**

3 - 10 minutes between coats
 5 - 10 minutes before curing

**DRYING**

Thinner 420
 Extra Speed

20°C
 2 hours
 45 minutes

60°C
 20 minutes
 15 minutes

**PROTECTION**

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

Read complete technical data sheet for detailed product information

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PRODUCT AND ADDITIVES

Dynacoat Clear 9000
 Dynacoat Hardener 420
 Dynacoat Thinner 420
 Extra Speed: Accelerator for faster through-hardening (refer to TDS D1.08.01)
 Dynacoat Clear Matt: For adjusting the preferred gloss level (refer to TDS D1.05.25)

BASIC RAW MATERIALS

Dynacoat Clear 9000	acrylic resins
Dynacoat Hardener 420:	poly-isocyanate resins

SUITABLE SUBSTRATES

Existing finishes
 Dynacoat Basecoat Waterborne

MIXING

2	Dynacoat Clear 9000
1	Dynacoat Hardener 420
10%	Dynacoat Thinner 420 / Extra Speed

Use mixing stick D1

VISCOSITY

15-18 seconds DIN Cup 4 at 20°

POTLIFE

Dynacoat Clear 9000 at 20°C

Thinner 420
 Extra Speed

30 minutes at 20°C
 30 - 45 minutes at 20°C

SPRAY GUN FLUID TIP AND WORKING PRESSURE

Spray gun:	Fluid tip:	Pressure:
Gravity feed:	1.2 - 1.4 mm	1.7 – 2.2 bar (see user manual spray gun)
		HVLP max 0.7 at air cap

APPLICATION

First apply a medium closed coat, next apply a full coat after indicated flash off time
 This time can be greatly influenced by the conditions at the time of application

CLEANING OF EQUIPMENT

Use Guncleaner or nitrocellulose thinner

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FILM THICKNESS Recommended application (2 coats): 45-60 µm

DRYING

	20°C		60°C	
	Dust dry	Dry to handle	Dust dry	Dry to handle
Thinner 420	45 min	2 hrs	10 min	20 min
Extra Speed	25 min	45 min	10-15 min	15 min

INFRA RED Dry to handle after 5 minutes low power 8 minutes high power

THEORETICAL COVERAGE

Ready for use mixture at 1 µm layer thickness: ± 522 m²/litre

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

POLISHING

Ready to polish minimum 1 hour after cool down to ambient temperature.
(After full drying cycle)

REDUCING GLOSS LEVEL

For reducing the gloss level, refer to D1.05.25 - Dynacoat Clear Matt

PRODUCT STORAGE

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

SHELF LIFE

1 year at 20°C

VOC

2004/42/IIb(d)(420)420

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

The VOC content of this product in ready to use form is max. 420 g/litre.



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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 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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