

# TECHNICAL INFORMATION DYNACOAT CLEAR UHS AIR — D1.05.28

Two pack VOC compliant clearcoat with powerful air-dry properties to be used over Dynacoat Basecoat Waterborne and Basecoat PRO. For small spot repairs up to total resprays with excellent final finish when used in low or high temperature conditions.

## STANDARD APPLICATION



### MIXING RATIO

2 Dynacoat Clear UHS Air  
 1 Dynacoat Hardener UHS  
 10% Dynacoat Thinner UHS Standard / UHS Fast



### MIXING STICK

Use Dynacoat mixing stick D1/D8



### 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

½ + 1 coat  
 First apply a medium closed coat, followed by a full coat



### FLASH-OFF

3-5 minutes between coats  
 5 minutes before curing



### DRYING

	20°C	40°C	60°C
Thinner UHS Standard	4 hrs	2 hrs	20 min
Thinner UHS Fast	1.5 hrs	1 hr	20 min



### 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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### DYNACOAT CLEAR UHS AIR

#### — D1.05.28

Two pack VOC compliant clearcoat with powerful air-dry properties to be used over Dynacoat Basecoat Waterborne and Basecoat PRO. For small spot repairs up to total resprays with excellent final finish when used in low or high temperature conditions. Dynacoat Clear UHS Air has an excellent gloss, appearance and durability with a quick drying time.

#### HT APPLICATION



##### MIXING RATIO

2 Dynacoat Clear UHS Air  
1 Dynacoat Hardener UHS  
10% Dynacoat Thinner UHS Standard



##### MIXING STICK

Use Dynacoat mixing stick D8



##### 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

½ + 1 coat  
First apply a medium closed coat, followed by a full coat



##### FLASH-OFF

3-5 minutes between coats  
5 minutes before curing



##### DRYING

	30°C	40°C	60°C
Thinner Standard	3 hrs	1.5 hrs	15 min



##### PROTECTION

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

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# TECHNICAL INFORMATION

## DYNACOAT CLEAR UHS AIR

### — D1.05.28

<b>PRODUCT AND ADDITIVES</b>	Dynacoat Clear UHS Air Dynacoat Hardener UHS Dynacoat Thinner UHS Fast Dynacoat Clear Matt: For adjusting the preferred gloss level (refer to TDS D1.05.25)
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<b>BASIC RAW MATERIALS</b>	Dynacoat Clear UHS Air Dynacoat Hardener UHS:	acrylic resins poly-isocyanate resins
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<b>SUITABLE SUBSTRATES</b>	Existing finishes Dynacoat Basecoat Waterborne <b>Dynacoat Basecoat Pro</b>
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<b>MIXING</b>	2 Dynacoat Clear UHS Air 1 Dynacoat Hardener UHS 10% Dynacoat Thinner UHS Fast <i>Use mixing stick D8</i>
	<b>By weight</b>
	100 Dynacoat Clear UHS Air 50 Dynacoat Hardener UHS 9 Dynacoat Thinner UHS Fast

<b>VISCOSITY</b>	16-17 seconds DIN Cup 4 at 20°C 15-16 seconds DIN Cup 4 at 30°C
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<b>POTLIFE</b>	Thinner UHS Standard: 3 hours at 20°C Thinner UHS Fast: 45 minutes at 20°C Thinner UHS Standard: 2 hours at 30°C
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<b>SPRAY GUN FLUID TIP AND WORKING PRESSURE</b>	<b>Spray gun:</b> Gravity feed <b>Fluid tip:</b> 1.2 - 1.4 mm <b>Pressure:</b> 1.7 – 2.2 bar (see user manual spray gun) HVLP max 0.7 at air cap
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<b>APPLICATION</b>	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
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<b>CLEANING OF EQUIPMENT</b>	Use Guncleaner or nitrocellulose thinner
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# TECHNICAL INFORMATION

## DYNACOAT CLEAR UHS AIR

### — D1.05.28

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

#### DRYING

	20°C		40°C		60°C	
	Dust dry	Dry to handle	Dust dry	Dry to handle	Dust dry	Dry to handle
Thinner UHS Standard	1.5-2 hrs	4 hrs	45 min	2 hrs	15 min	20 min
Thinner UHS Fast	30-45 min	2 hrs	15 min	1 hr	10 min	20 min

**INFRA RED** Dry to handle after 2 minutes low power 6 minutes high power

**THEORETICAL COVERAGE** Ready for use mixture at 1 µm layer thickness: ± 522 m<sup>2</sup>/liter

*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 30 – 60 minutes after stated drying times.

**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**

Dynacoat Clear UHS Air	2 years at 20°C
Dynacoat Hardener UHS	1 year at 20°C
Dynacoat Thinner UHS	1 year at 20°C

**VOC** 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. 400 g/liter.

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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 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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