

TECHNICAL INFORMATION

DYNACOAT CLEAR UHS SPEED

— D1.05.27

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

STANDARD APPLICATION



MIXING RATIO

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



MIXING STICK

Use Dynacoat mixing stick D8



EQUIPMENT

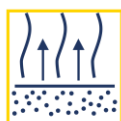
Spray gun set-up: 1.2-1.4 mm
Application pressure: 1.7-2.2 bar at the air inlet*

*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

Thinner Standard
Thinner UHS Fast

60°C
20 min
15 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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HT APPLICATION



MIXING RATIO

2 Dynacoat Clear UHS HT
 1 Dynacoat Hardener HT
 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

Hardener HT

60°C
 20 min



PROTECTION

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

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PRODUCT AND ADDITIVES	Dynacoat Clear UHS Speed Dynacoat Clear UHS HT Dynacoat Hardener UHS Dynacoat Hardener HT Dynacoat Thinner UHS Standard / Dynacoat Thinner UHS Fast Dynacoat Clear Matt: For adjusting the preferred gloss level (refer to TDS D1.05.25)	
BASIC RAW MATERIALS	Dynacoat Clear UHS Speed Dynacoat Clear UHS HT Dynacoat Hardener UHS / HT	acrylic resins acrylic resins poly-isocyanate resins
SUITABLE SUBSTRATES	Existing finishes Dynacoat Basecoat Waterborne Dynacoat Basecoat PRO	
MIXING	<p>Standard by volume</p> 2 Dynacoat Clear UHS Speed 1 Dynacoat Hardener UHS 10% Dynacoat Thinner UHS Standard / Dynacoat Thinner UHS Fast <i>Use mixing stick D8</i> <p>Standard by weight</p> 100 Dynacoat Clear UHS Speed 53 Dynacoat Hardener UHS 9 Dynacoat Thinner UHS Standard / Dynacoat Thinner UHS Fast	
	<p>HT by volume</p> 2 Dynacoat Clear UHS Speed / HT 1 Dynacoat Hardener HT 10% Dynacoat Thinner UHS Standard <i>Use mixing stick D8</i> <p>HT by weight</p> 100 Dynacoat Clear UHS Speed / HT 54 Dynacoat Hardener HT 9 Dynacoat Thinner UHS Standard	
VISCOSITY	16-17 seconds DIN Cup 4 at 20°C 15-16 seconds DIN Cup 4 at 30°C	
POTLIFE	Thinner UHS Standard: Thinner UHS Fast: Hardener HT:	2 hours at 20°C 30 minutes at 20°C 2 hours at 30°C

TECHNICAL INFORMATION DYNA COAT CLEAR UHS SPEED — D1.05.27

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

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

FILM THICKNESS

Recommended application (2 coats): 45-60 µm

DRYING

	60°C	
	Dust dry	Dry to handle
Thinner UHS Standard	10 min	20 min
Thinner UHS Fast	5 min	15 min

At temperatures above 30°C use Clear UHS HT

	60°C	
	Dust dry	Dry to handle
HT	15 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 m²/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 cool down to ambient temperature (depending on drying conditions).

REDUCING GLOSS LEVEL

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

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

SHELF LIFE

Dynacoat Clear UHS Speed	2 years at 20°C
Dynacoat Clear UHS HT	1 year at 20°C
Dynacoat Hardener UHS	1 year at 20°C
Dynacoat Hardener HT	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. 420 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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