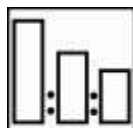


Dynacoat Clear Matt – D1.05.25

Description Dynacoat Clear Matt is a matt clearcoat that can be used either on its own or mixed with Dynacoat Clear 3000 Fast Antiscratch and Dynacoat Clear 6000HS Antiscratch to obtain the required gloss level. Clear Matt is a very easy to apply matt clearcoat. Different Dynacoat Flexi Hardeners and thinners are available to adjust the clear to different application conditions.

Mixing ratio



2 Dynacoat Clear Matt
 1 Dynacoat Flexi Hardeners
 10% 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 *

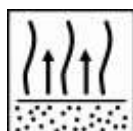
* see user manual spraygun used

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
 5-10 minutes at 20°C

Before curing
 10-15 minutes at 20°C

Drying



Dynacoat Flexi Hardeners

20°C
 4-5 hours

60°C
 30-55 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

Dynacoat Clear Matt – D1.05.25

Description Dynacoat Clear Matt is a matt clearcoat that can be mixed with Dynacoat Clear 3000 Fast Antiscratch and Dynacoat Clear 6000HS Antiscratch to obtain the required gloss level.
Clear Matt is a very easy to apply matt clearcoat. Different Dynacoat Flexi Hardeners and thinners are available to adjust the clear to different application conditions.

Product and additives

Dynacoat Clear Matt

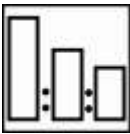
Hardeners Dynacoat Flexi Hardeners Fast / Medium / Slow

Thinners Dynacoat Thinners Fast / Medium / Slow

Suitable substrates

Waterborne and Solventborne Basecoats and hard dry sanded (oem) finishes

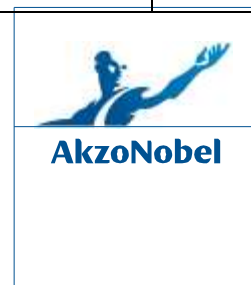
Mixing



- 2** Dynacoat Clear Matt
- 1** Dynacoat Flexi Hardeners
- 10%** Dynacoat Thinners

Use measuring stick No. 1

<p>The following gloss levels can be achieved by mixing Dynaclear matt with Dynacoat Clear 3000AS / 6000HS AS Clear. This table can be used as a guideline for the different gloss levels. It is advisable to spray a test panel to check the gloss level obtained as the final result may be influenced :</p> <ul style="list-style-type: none"> a) the layer thickness applied b) the drying conditions 	
Mixing Ratio 1 (2 : 1 : 10%) with Dynacoat Flexi hardeners to obtain:	Gloss Level
Matt finish	
100% Dynacoat Clear Matt	10 - 20 G.U.
Eggshell finish	
4 volumes – Dynacoat Clear Matt 1 volumes- Dynacoat Clear 3000AS and 6000HS AS Clear	30 - 40 G.U.
Semi-gloss finish	
3 volumes – Dynacoat Clear Matt 2 volumes- Dynacoat Clear 3000AS and 6000HS AS Clear	50 - 70 G.U.
1 volumes – Dynacoat Clear Matt 1 volumes -Dynacoat Clear 3000AS and 6000HS AS Clear	70 - 80 G.U.



TECHNICAL INFORMATION

Spray gun set-up and application pressure

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

Apply a flowing closed layer, allowing for a 5-10 minutes flash-off time at 20°C. (flash off time 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 Flexi Hardeners	2-3 hours at 20°C
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Drying times

	20°C	60°C
Dry to handle	4-5 hrs	30 -55 min**

**Depends on hardener used

Infra Red

Dry to handle after	4 minutes low power	8 minutes high power
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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: ± 367 m²/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 Solventborne 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 583 g/liter RTS mixture

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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 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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