

Two-pack acrylic topcoat for commercial vehicles, passenger cars and equipment. For new work and repairs, from spot-repair up to total re-spray. Dynacoat 2K Topcoat Pro has a brilliant gloss, with long durability. **This product is not for sale to vehicle refinishers in the EU, who need to comply with the Directive 2004/42/EC**

**MIXING RATIO**

2 Dynacoat Topcoat PRO
1 Dynacoat Flexi Hardener
30% Dynacoat Thinners

**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

**FLASH OFF**

3-5 minutes between coats
10 minutes before bake

**DRYING**

15 minutes at 60°C

**PROTECTION**

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

PRODUCT AND ADDITIVES	Dynacoat 2K Topcoat Pro Dynacoat Flexi Hardener Fast Dynacoat Flexi Hardener Medium Dynacoat Flexi Hardener Slow Dynacoat Thinner Fast Dynacoat Thinner Medium Dynacoat Thinner Slow		
BASIC RAW MATERIAL	Dynacoat 2K Topcoat Pro: acrylic resins Dynacoat Flexi Hardener: poly-isocyanate resins		
SUITABLE SUBSTRATES	Existing finishes Dynacoat 5+1 Filler Dynacoat Filler HB 4+1 Dynacoat Filler HB 5+1 Dynacoat Filler 6100 Duo Dynacoat Filler 4100 Dynacoat 1K Plastics Primer Dynacoat 1K Primer Grey Dynacoat 2K Epoxy Primer Dynacoat Antigravel Glass Reinforced Polyester laminates		
SURFACE PREPARATION	Existing Finishes: Dry sand with P400-P500 grit or wet sand with P800 –1000 grit.		
MIXING	2 Dynacoat 2K Topcoat Pro 1 Dynacoat Flexi Hardener 30% Dynacoat Thinner <i>Use mixing stick D1</i>		
VISCOSITY	16-17 seconds DIN Cup 4 at 20°C		
POTLIFE	1.5 – 3.5 hours at 20°C		
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 aircap

APPLICATION Apply a flowing closed layer, allowing for a 3-5minutes flash-off time at 20°C. (depends on hardener / thinner combination used) Next, apply a full flowing layer, allow for 5-10 minute* flash-off time at 20°C before bake.

**This time can be greatly influenced by the conditions at the time of application*

CLEANING OF EQUIPMENT Use Dynacoat SB Gun Cleaner or Dynacoat Thinners

FILM THICKNESS 20 – 30 µm per coat.

DRYING	Dry to handle	20°C	60°C
		Hardener Flexi Fast	4 hrs
	Hardener Flexi Medium	10 hrs	25 min
	Hardener Flexi Slow	11 hrs	35 min
	IR drying	4 minutes low power	8 minutes high power

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

THEORETICAL COVER RATE Ready for use mixture at 1µm dry film thickness ± 500 m²/liter

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

MATTING To lower the gloss of 2K Topcoat Pro 9000 should be added.

Gloss level	2K Topcoat Pro	2K Topcoat 9000
Semi matt	100	50
Matt	100	125

NOTE -Stir mix thoroughly before adding hardener and thinner
-Check colour before applying to the vehicle

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

SHELF LIFE 2K Topcoat Pro: 4 years at 20°C
When mixed with Matting Paste 9000: 6 months at 20°C

VOC The VOC content of this product in ready to use form is max. 600 /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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