

Dynacoat Basecoat PRO is developed to re-produce solid, pearl and metallic auto-motive colours. With different thinners it can be used for small repairs up to total re-sprays, Dynacoat Basecoat PRO has excellent coverage and fast drying properties. **This product is not for sale to vehicle refinishers in the EU, who need to comply with the Directive 2004/42/EC**

**MIXING RATIO**

100: Dynacoat Basecoat PRO
50-80: Dynacoat Thinner Fast / Medium / Slow

**MIXING STICK**

Use Dynacoat mixing stick D1

**EQUIPMENT**

Spray gun set-up: 1.2-1.4 mm
Application pressure: 1.7-2.0 bar at the air inlet*

*See user manual spray gun

**APPLICATION**

2 - 3 x 1 coat

**FLASH-OFF**

3-5 minutes between coats
15 minutes before clearcoat

**RECOATABLE WITH**

Clear 3000 Fast
Clear 5000 HS
Clear 6000 HS AS
Clear 7000 AS
Clear UHS Speed
Clear UHS Air



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

PRODUCT AND ADDITIVES

Dynacoat Basecoat Pro
Dynacoat Thinner Fast
Dynacoat Thinner Medium
Dynacoat Thinner Slow

BASIC RAW MATERIALS

Basecoat: Physical drying binders
Thinners: blend of solvents

SUITABLE SUBSTRATES

Existing finishes
Dynacoat Filler HB 4+1
Dynacoat Filler HB 5+1
Dynacoat Filler 6100 Duo
Dynacoat Filler 5+1
Dynacoat Filler 4100
Dynacoat 1K Plastics Primer
Dynacoat 1K Primer Grey
Dynacoat 2K Epoxy Primer

Note: Do not apply directly to washprimers

MIXING

100 Dynacoat Basecoat PRO
50-80 Dynacoat Thinner Fast / Medium / Slow

Note: Always check colour before application to the object.

VISCOSITY

13-17 seconds DIN Cup 4 at 20°C

POTLIFE

6 months at 20°C
4 hours at 20°C if hardener is added

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 aircap

APPLICATION

For solid colours:

Apply 2-3 single coats until coverage, allowing flash-off until mat between coats.

For effect colours:

Apply 2-3 single coats until coverage, allowing for flash-off until mat between coats, if necessary apply a mist-coat for better metallic orientation by reducing the pressure with 0.5 bar and apply a light final coat with increasing the distance to +/- 30-40-cm

Spot repairs:

With spot repairs, use lower application pressure and apply thin coats until reaching opacity.

Allow the basecoat PRO to flash off between coats. Next, fade out, by extending beyond the edges, using similar application pressure. In case of metallic colours apply a drop coat (metallic orientation coat) when needed by increasing the spray gun distance.

*Allow for a minimum of 15 minutes final flash-off time at (20°C) before clearcoat application.

CLEANING OF EQUIPMENT

Use Dynacoat Guncleaner or Dynacoat Thinners

TAPING/MASKING

After 20 minutes flash-off at 20°C Basecoat PRO solid, metallic and pearl colours can be taped.

DENIBBING

Allow to flash off for at least 20 minutes at 20°C.

Then lightly sand the damaged area with P500 free-cut dry or P1000grit wet sanding paper sanding paper.

Thoroughly remove sanding residue before continuing Basecoat PRO application

FILM THICKNESS

Per coat:	7- 9 µm
Recommended application (2 coats):	14-18 µm

THEORETICAL COVERAGE

Ready for use mixture at 1µm dry film thickness ± 140 m²/liter

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

RECOAT TIME

Solid colors:	5 hours
Metallic and Pearl:	48 hours

NOTE: To extend the re-coat time of solid colours up to 48 hours, add 10% of Dynacoat Hardener.
Stir this mixture thoroughly before adding Dynacoat Thinner.



TECHNICAL INFORMATION DYNACOAT BASECOAT PRO — D1.04.05

RECOATABILITY	Clear 3000 Fast Clear 5000 HS Clear 6000 HS AS Clear 7000 AS Clear UHS Speed Clear UHS Air
----------------------	---

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

SHELF LIFE	4 years at 20°C
-------------------	-----------------

Akzo Nobel Car Refinishes B.V.
Address: Rijksstraatweg 31, PO Box 3, 2170 BA Sassenheim
Tel: +31(0)71308-6944

FOR PROFESSIONAL USE WITH SUITABLE HS&E EQUIPMENT

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.

Coatings brand names mentioned in this data sheet are trademarks of or are licensed to Akzo Nobel.

Head Office

Akzo Nobel Car Refinishes B.V., PO Box 3, 2170 BA Sassenheim, The Netherlands. www.dynacoat.com