

TECHNICAL INFORMATION

DYNACOAT 2K TOPCOAT MM

— D1.03.02

Two-pack acrylic enamel for commercial vehicles, passenger cars and equipment. For new work and repairs. **DYNACOAT 2K TOPCOAT** has been designed to get a high gloss and durable finish. **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 2K Topcoat MM
1 Dynacoat Hardener
10% Dynacoat Thinners

**MIXING STICK**

Use Dynacoat mixing stick D1

**EQUIPMENT**

Spray gun set-up: 1.3-1.4 mm
Application pressure: 1.7-2.2 bar at the air inlet*

*See user manual spray gun

**APPLICATION**

2-3 x 1 coat

**FLASH-OFF**

5-10 minutes between coats
10 minutes before bake

**DRYING TIME**

30 minutes at 60°C

**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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**PRODUCT AND
ADDITIVES**

Dynacoat 2K Topcoat MM
 Dynacoat Hardener Fast
 Dynacoat Hardener Medium
 Dynacoat Hardener Slow
 Dynacoat Thinner Fast
 Dynacoat Thinner Medium
 Dynacoat Thinner Slow

**BASIC RAW
MATERIAL**

| | |
|-------------------------|------------------------|
| Dynacoat 2K Topcoat MM: | acrylic resins |
| Dynacoat Hardener: | poly-isocyanate resins |
| Dynacoat Thinners: | a blend of solvents |

**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 weat sand with P800 –1000 grit

MIXING

| | |
|-----|------------------------|
| 2 | Dynacoat 2K Topcoat MM |
| 1 | Dynacoat Hardeners |
| 10% | Dynacoat Thinners |

Use mixing stick D1

VISCOSITY

17-20 sec. DIN Cup at 20°C.

POTLIFE

4 hours at 20°C

**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 |

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| | | | |
|------------------------------|--|-------------------------------------|--------------------------------|
| APPLICATION | Apply 2-3 single coats, allowing for 5 - 10 minutes flash-off time between coats. If force dried, allow for a minimum flash-off time of 5 minutes | | |
| CLEANING OF EQUIPMENT | Use Dynacoat Guncleaner or Dynacoat Thinners | | |
| FILM THICKNESS | Per coat: Recommended application (2 coats): | 20-30 µm 40-60 µm | |
| DRYING | Dust free Dry to handle | 20°C 15 mins 6 hrs | 60°C 5 min 30 min |
| THEORETICAL COVERAGE | Ready for use mixture at total recommended layer thickness ± 8 m²/liter <i>The practical coverage depends on many factors i.e. shape of the object, roughness of the surface, application method and application circumstances.</i> | | |
| MATTING | To reduce the gloss-level, matting paste (toner 9000) should be added and different gloss-levels can be achieved if mixed as stated below: | | |
| | Gloss level | 2K Topcoat MM | Matting Paste 9000 |
| | Semi Gloss | 100 | 50 |
| | Semi Matt | 100 | 100 |
| | Matt | 100 | 240 |
| 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: When mixed with Matting Paste 9000: | 3 years at 20°C 6 months at 20°C | |



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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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