

### Dynacoat 2K Topcoat Pro - D1.03.04



2: 1: 30%

16-17sec.

1

1.2 - 1.4 mm  
2-4 bar

2 X 1 coat  
With flash off  
in-between  
coats

3-5 min.  
Between  
coats

15 minutes  
at 60°C

**Product Name:**

Dynacoat 2K Topcoat Pro

**Description:**

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.

**Products and Additives:**

Dynacoat 2K Topcoat Pro  
Dynacoat Flexi Hardeners Fast / Medium / Slow  
Dynacoat Thinners Fast / Medium / Slow

**Basic Raw Materials:**

Dynacoat 2K Topcoat Pro: acrylic resins  
Dynacoat Flexi Hardener: poly-isocyanate resins

**Suitable Substrates:**

Original finishes and old painted surfaces.  
Dynacoat Filler 5+1  
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: Degrease with Dynacoat Degreaser.  
Sand with P400-P500 grit dry or P800 –1000 grit wet.

**Mixing Ratio:**

2 parts by volume of Dynacoat 2K Topcoat Pro  
1 part by volume of Dynacoat Flexi Hardeners  
30% Dynacoat Thinners

**Spray viscosity:**

16-17 sec. DIN Cup at 20°C.

**Potlife:**

1,5 – 3,5 hrs at 20°C (*depends on hardener used*)

**Spray gun fluid tip and working pressure :**

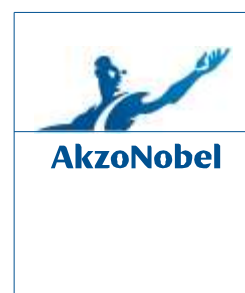
Spray gun:	Fluid tip:	Pressure :
Gravity feed:	1.2 - 1.4mm	2-4 bar*
Suction feed:	1.4 - 1.6 mm	2-4 bar*

*\*please see user manual spragun used*

**Process:**

Apply 2 single coats, allowing for 3-5 minutes flash-off time between coats. If force dried, allow for a minimum flash-off time of 5-10 minutes.

This product is not for sale to Vehicle Refinishers in the EU, who need to comply to the Directive 2004/42/EC



## TECHNICAL INFORMATION

### Product and additives

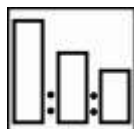
#### Dynacoat 2K Topcoat Pro

<b>Hardeners</b>	Flexi Hardener Fast Flexi Hardener Medium Flexi Hardener Slow
<b>Thinners</b>	Dynacoat Thinner Fast Dynacoat Thinner Medium Dynacoat Thinner Slow

### Suitable substrates

Original finishes and old painted surfaces.  
 Dynacoat 5+1  
 Dynacoat Filler 4100  
 Dynacoat 1K Plastics Primer  
 Dynacoat 1K Primer Grey Aerosol  
 Dynacoat 2K Epoxy Primer  
 Dynacoat Antigravel  
 Glass Reinforced Polyester laminates

### Mixing



<b>2</b>	Dynacoat 2K Topcoat Pro
<b>1</b>	Dynacoat Flexi Hardeners
<b>30%</b>	Dynacoat Thinners

Use measuring stick No. 1

### Spray gun set-up and application pressure

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

### 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 a 5-10 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

Dynacoat Flexi Hardeners	1,5 – 3,5 hours	at 20°C (depends on hardener used)
--------------------------	-----------------	---------------------------------------

### Drying times

	20°C	60°C
Dry to handle		
Hardener Flexi Fast	4 hrs	15 min
Hardener Flexi Medium	10 hrs	25 min
Hardener Flexi Slow	11 hrs	35 min
Dry to handle after		4 minutes low power      8 minutes high power



**AkzoNobel**

**TECHNICAL INFORMATION**

**Polishability**

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

**Fillm Thickness:**

20 – 30 µm per coat.

**Theoretical cover rate:**

+/- 10 m<sup>2</sup>/liter per coat

**Note:** The practical coverage depends on several factors, including shape of the construction, roughness of surface, method of application being used and conditions of application

**Cleaning of equipment:**

Use Dynacoat SB Gun Cleaner or Dynacoat Thinners

**Drying times:**

	20°C:	60°C:
Dust free	15 mins	5 min
Dry to handle	4-11 hrs	15-35 min

**Matting paste**

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

Gloss level	2K Topcoat Pro Parts/weight	2K Topcoat 9000 parts/weight
Semi matt	100	50
Matt	100	125

**Note:**

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

**Shelflife 2K Topcoat Pro:**

4 years at temperatures between 5°C and 40°C

**If mixed with 2K Topcoat Pro 9000:**

6 months at temperatures between 5°C and 40°C