



DYNACOAT



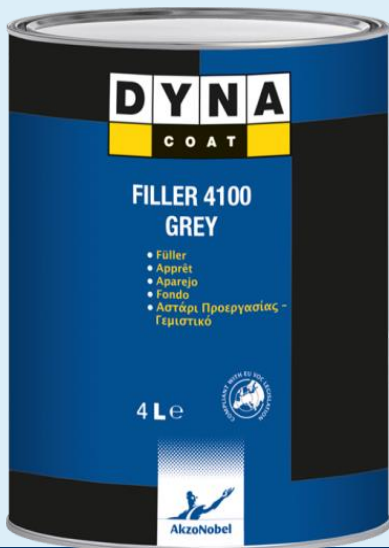
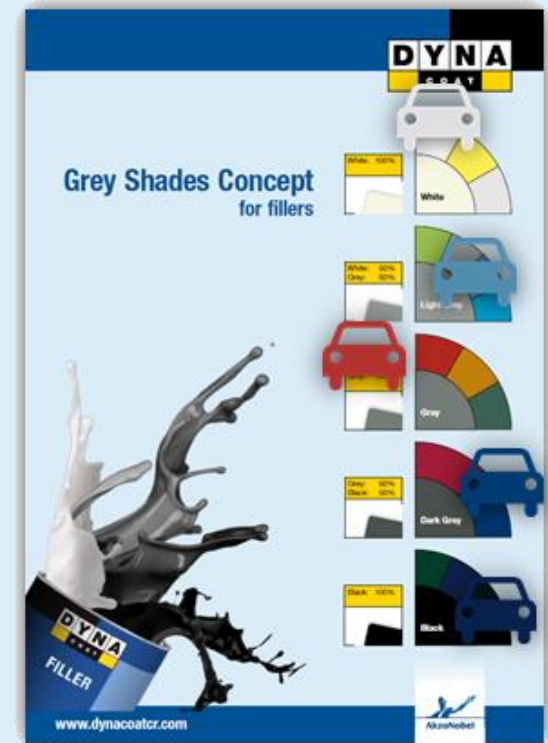
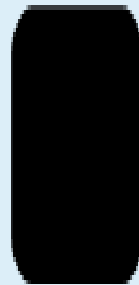
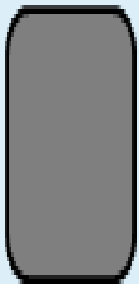


Filler

Filling irregularities and sanding scratches

Creating a smooth surface for the topcoat system

Gray Shade Concept



Select and mix the right color

- Close to the object under repair !
- **To support**
- Color coverage
- Lower basecoat consumption





Filler 4100

Making your repair process easier
and quicker

DYNA
COAT

FILLER 4100

- Apprêt • Filler • Fondo
- Imprimitión • Primario
- Акрил җағалмау маҳсул
- Mellensfärg • Täyteaine • Fyller
- Podkład Akrylowy
- Акриловый грунт
- Акриловый грунт - наповнювач

3Le

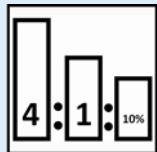


Features

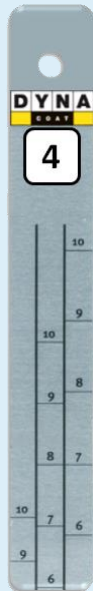
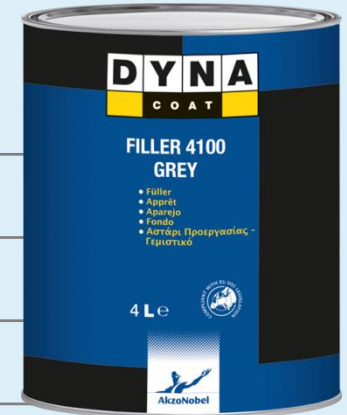
- Sanding (4:1:10%)
- High Build
- Fast drying
- Excellent sanding properties
- Non-Sanding (4:1:1.5)
- Easy application
- Fast drying



Filler 4100 (Sanding)



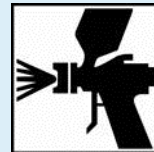
4	Filler 4100
1	Filler 4100 Hardener
10%	Dynacoat Thinner Fast
	Dynacoat Thinner Medium
	Dynacoat Thinner Slow



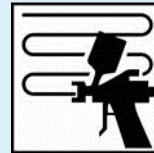
* Pot life 60 min. at 20°C

Suitable substrates

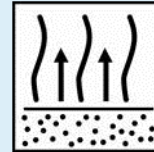
- Existing Finishes
- Primer
- Polyester Putties
- Bare steel
- 2K Epoxy Primer



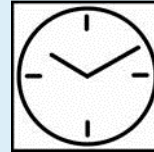
1.6-2.0 mm
2 bar



1-3 coats

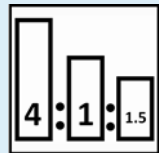


5-10 minutes at 20°C
5 minutes at 20°C

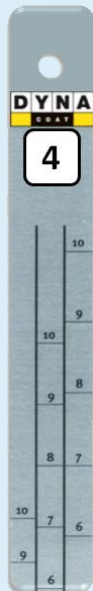
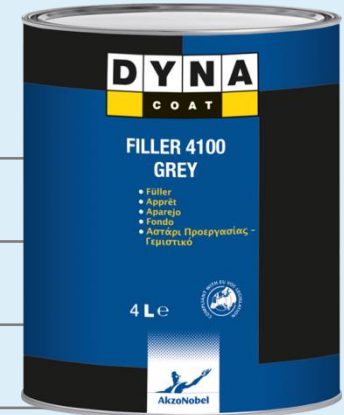


3 hour at 20°C
30 minutes at 60°C

Filler 4100 (Non-Sanding)



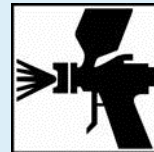
4	Filler 4100
1	Filler 4100 Hardener
1.5	Dynacoat Thinner Fast
	Dynacoat Thinner Medium
	Dynacoat Thinner Slow



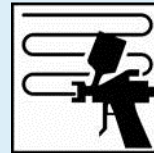
* Pot life 60 min. at 20°C

Suitable substrates

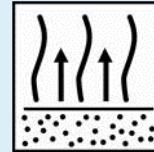
- Existing Finishes
- Primer
- Polyester Putties
- Bare steel
- 2K Epoxy Primer



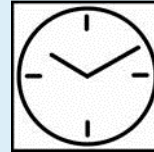
1.2-1.4 mm
2 bar



1-2 coats



10-15 minutes at 20°C
30 minutes at 20°C



90 minutes at 20°C
30 minutes at 60°C



PRO

Basecoat PRO

**PROfessional and easy
In every way**

Features

Easy application

- Easy color blending and spot repair
- Perfect metallic control

Fast flash-off and drying

- Easy taping
- Easy denibbing after short flash-off time

Superior color coverage

- Material saving



Mixing Machine colors

- Solids
- Metallic
- Pearl
- Xirallic

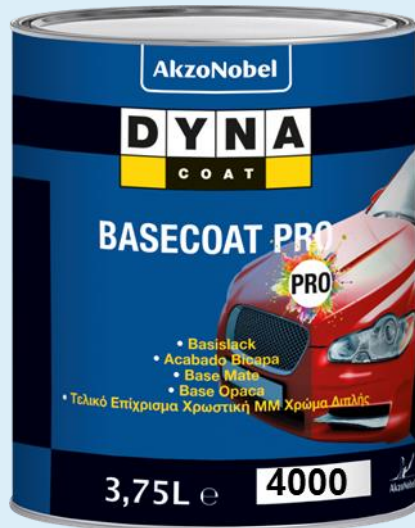


2 x per day

- (08.00 AM)
- (12.00 PM)

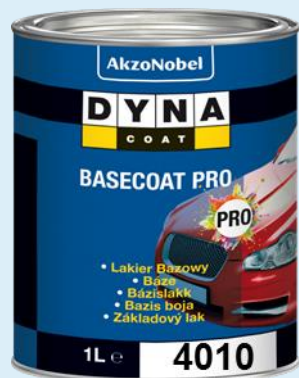


Basecoat Pro binders



4000 = Connector (binder)

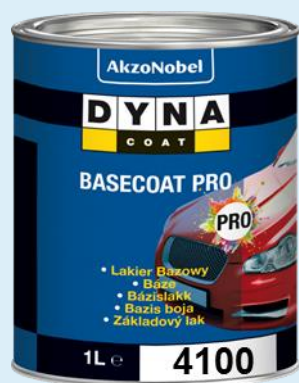
- Basic binder for all color formulas



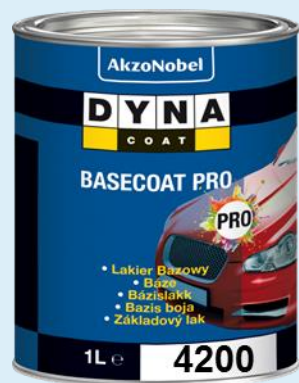
4010 = Transparency enhancer

- Transparent binder in 3c formulas
- Making effect colors transparent

Basecoat PRO white



4100 = White



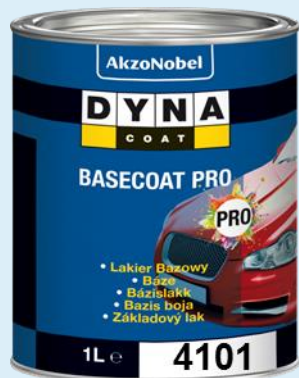
4200 = White

- More covering
- Higher strength

Basecoat PRO flop toners



- 4110 – 4120 = Light grey transparent
- 4110 (regular)
- 4120 (concentrated)
- *Flop controller for metallic formulas*

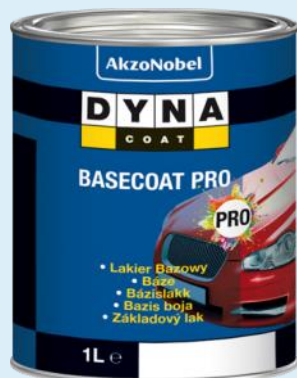


4101 = Transparent white

- Yellow / blue flop controller
- Effect used in metallic colors

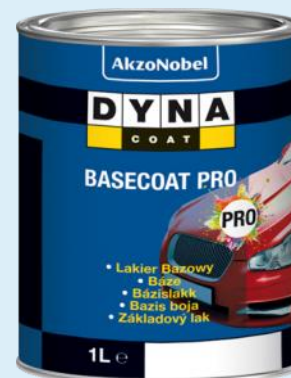
Basecoat PRO effect toners

Metallic

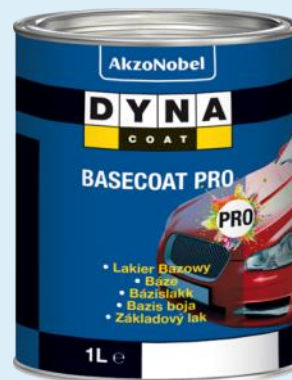


- 4001
- 4002
- 4003
- 4004
- 4006
- 4007
- 4005

Xirallic




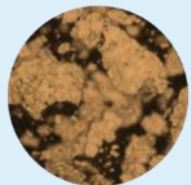
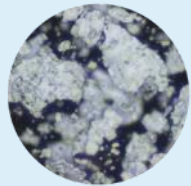
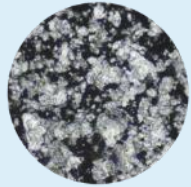
- 4903
- 4926
- 4958
- 4954
- 4968



Pearl

Metallic coarseness

		
Fine Metallic		4001
		4002
		4003
		4004
		4006
Coarse Metallic		4007
Gold (Y) Metallic	4005	



PRO



Application

Preparation



P500-P600

- Preparatory product
- Existing finish



Remove surface contamination




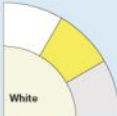
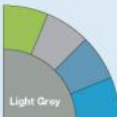
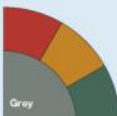
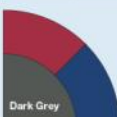
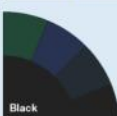
Remove dust by using a tack rag

Gray Shades Concept

DYNA
COAT

Grey Shades Concept
for fillers



White: 100%	
White: 50% Grey: 50%	
Grey: 100%	
Grey: 50% Black: 50%	
Black: 100%	

DYNA
COAT
FILLER

www.dynacoatcr.com

AkzoNobel



Gray Shade – Vehicle Color

Mix a grey shade close to the vehicle color

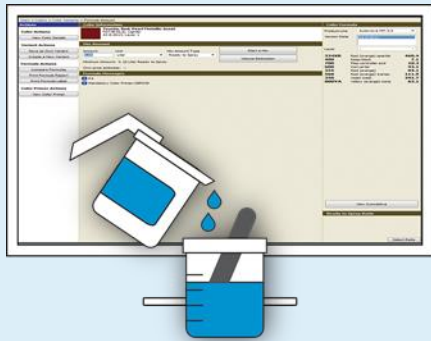
- Supporting color opacity



Color mixing



- Stir MM toners 2 x 15 minutes per day
- *Stir prior to color mixing if needed*
 - *Better color control*



Mix the color accurately according to the formula



Stir all MM colors thoroughly after mixing

Suitable substrates

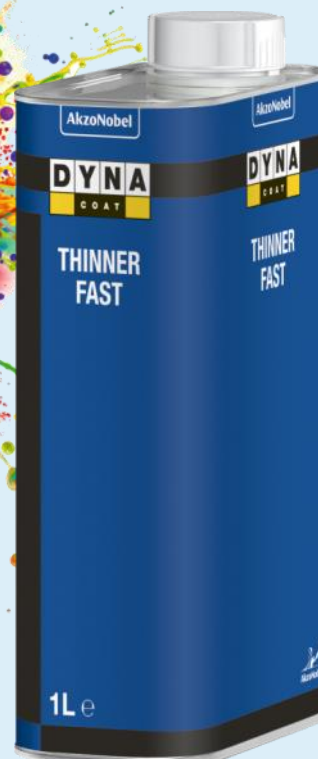
- Sanded (sound) paint finish
- All Dynacoat Fillers

NOT apply on

- Polyester bodyfiller
- Polyester Spraying Filler
- Directly on bare plastic
- Etch primer
- 1K plastic primer
- 1K acrylic primer

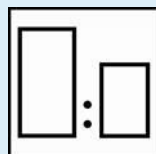


PRO

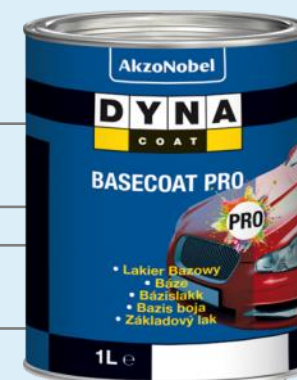


Thinners

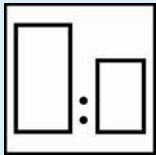
Mixing ratios



100	Basecoat color
50-80	Dynacoat Thinner Fast
	Dynacoat Thinner Medium
	Dynacoat Thinner Slow



Mixing ratio (100:50)



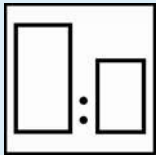
100	Basecoat color
<u>50</u>	Dynacoat Thinner Fast
	Dynacoat Thinner Medium
	Dynacoat Thinner Slow



Features:

- Simple mixing ratio
- Excellent color match and opacity
- Good color blending and metallic control

Mixing ratio (100:80)



100	Basecoat color
<u>80</u>	Dynacoat Thinner Fast
	Dynacoat Thinner Medium
	Dynacoat Thinner Slow



Features:

- More RTS material
- Easier color blending
- Optimum metallic control
- Reduced risk for halo (grey color edge)

Thinner mixing chart



20°C	Thinner Fast	Thinner Fast	Thinner Medium	Thinner Medium
30°C	Thinner Fast	Thinner Medium	Thinner Medium Thinner Slow	Thinner Slow
40°C	Thinner Medium	Thinner Slow	Thinner Slow	Thinner Slow





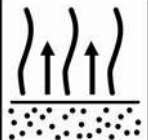
Note: that flash times are dependant on temperature, air flow & job size

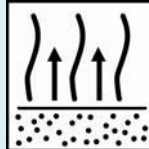
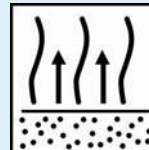
Paint strainers

- 190 μ







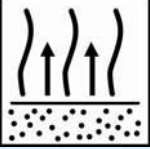

Solid color application

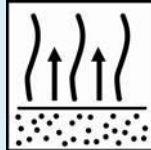
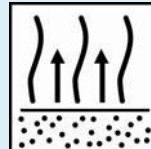
	1.2 -1.4 mm 2 bar
	1 flowing coat <i>Full coat</i>
	5-10 minutes
	1 flowing coat <i>Full coat</i>
	5-10 minutes

	Before clearcoat 15 minutes at 20°C
	Apply clearcoat within 5 hours at 20°C



Metallic color application

	1.3 -1.5 mm 2 bar
	1 flowing coat <i>Full coat</i>
	5-10 minutes
	Less flowing coat <i>Intermediate coat</i>
	5-10 minutes
	Mist coat

	Before clearcoat 15 minutes at 20°C
	Apply clearcoat within 48 hours at 20°C



PRO



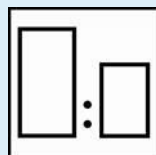
Tips and Tricks

Color blending support

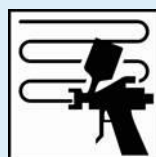
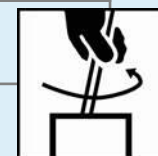
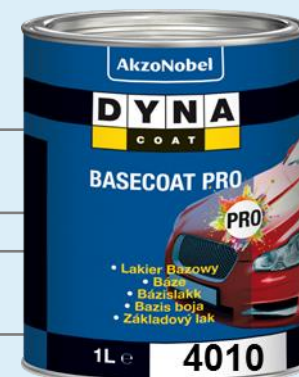
- **This option can help some painters with**
 - Blending of more difficult colors
 - Reducing the risk for halo



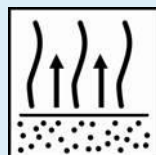
Color blending pre-coat



100	Basecoat PRO 4010
50	Dynacoat Thinner Fast
	Dynacoat Thinner Medium
	Dynacoat Thinner Slow



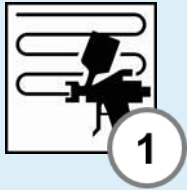
1 x 1 coat



5-10 minutes

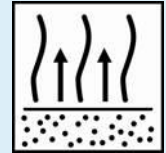
Flash-off completely dry before color application

Color blending

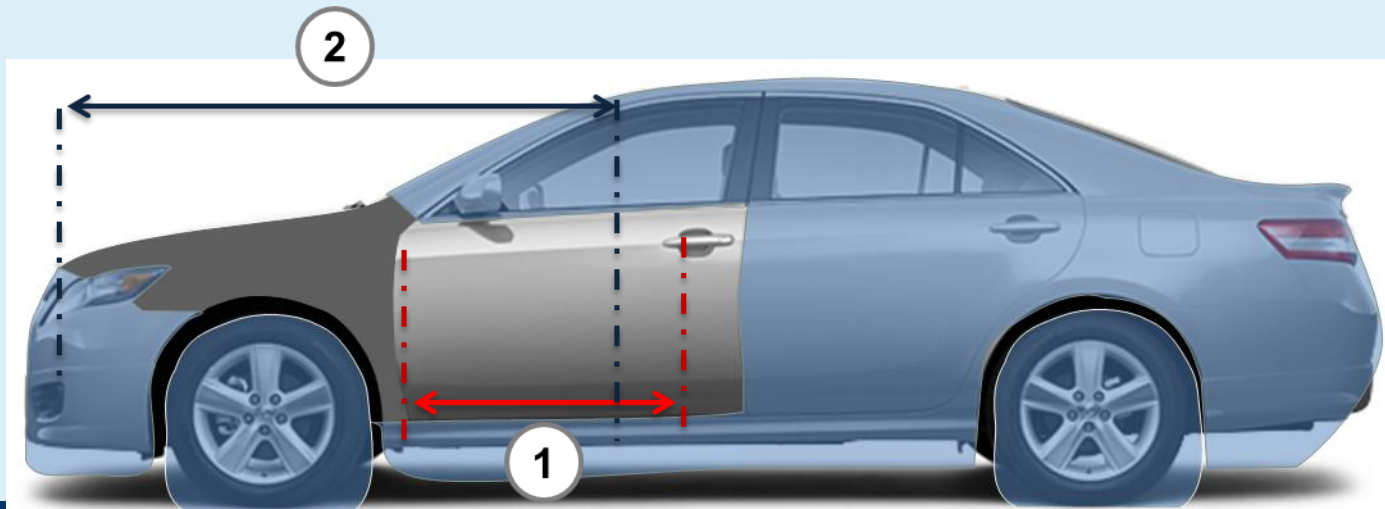


Apply 1 x 1 coat of the pre-coat



- *Color blending zone*
- *The pre-coat must be fully dry*







Apply the color within the blending zone



Mix a color without a formula

	1	70	Basecoat PRO metallic	4001	
		30	4000 (connector)	4002	
				4003	
				4004	
				4005	
				4006	
				4007	

	2	Mix the rest of the desired color	
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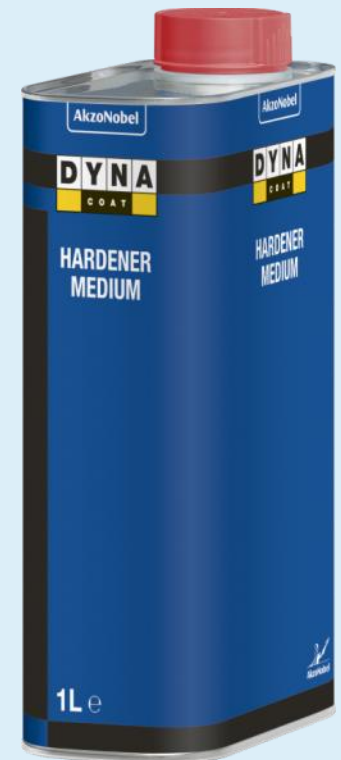
	3	100	Basecoat PRO	
		50-80	Multi Thinners	

Adding Hardener Medium

- 1 To extend the open time of solid colors
- 2 To improve system properties
 - Better through hardening
 - Better inner-coat adhesion

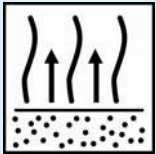
Especially with:

- *Three stage (3c) effect colors*
- *Multiple color (design) application*



Extending the “open time”

Basecoat PRO **must be coated** within



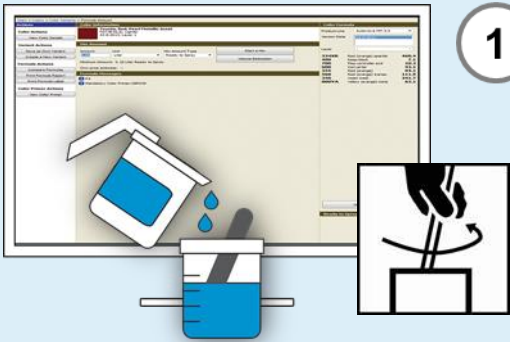
- Solid colors = **5 hours**
- Metallic color = **48 hours**



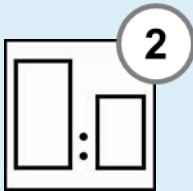
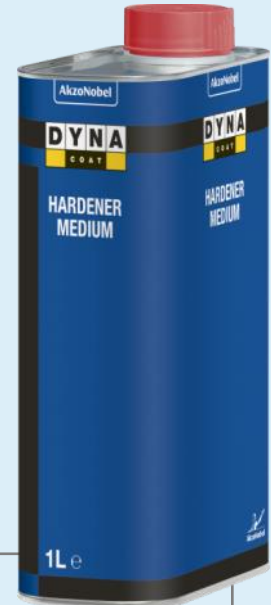
Basecoat PRO solid colors

- Mixed with Hardener: **open time = 48 hours**
There is no need to add Hardener to metallic colors

Mixing steps

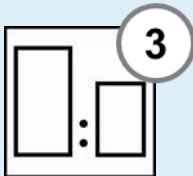


1 Mix and stir the color formula



100 Basecoat PRO color

10% Hardener Medium



100 Basecoat PRO + Hardener Medium

50-80 Thinner Fast – Medium – Slow



Better system properties

Three stage effect colors



Multiple layer application

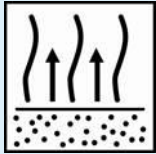
- Foundation – effect layers
- Result in longer flash-off times
- Creating higher layer thicknesses

Color design

- Multiple color layers applied on one vehicle



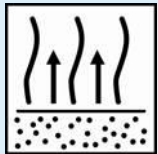
Color design application



All colors can be taped after 20 minutes at 20°C



10 minutes at 40°C-60°C increases the ability for masking multiple colors



Allow for a final longer flash-off time before applying the clearcoat

Pot-life at 20°C

When products are mixed and stored in a closed can



Dynacoat Thinners
(6 Months)

Hardener Medium
(4 hours)



Stir earlier RTS mixtures thoroughly before use !



PRO

Basecoat PRO

**PROfessional and easy
In every way**



Clearcoats



Features

- Top-class clearcoat with excellent flow
 - High solid product for an excellent appearance
- Multiple hardeners and thinners
 - Easy to adjust to all application conditions
- Very easy to apply
- Easy to polish



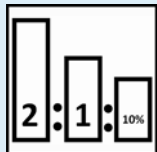
Clear 6000 HS Antiscratch

**Best in class with superior and
consistent gloss finish
every time**

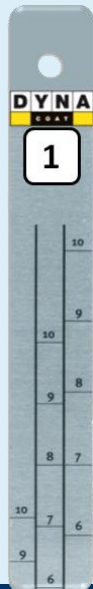
Features

- Easy to apply
- Very hard and robust finish
- Long-lasting gloss
- Easy to polish



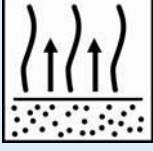
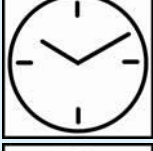

Clear 6000 HS Antiscratch



2	Clear 6000 HS Antiscratch
1	Dynacoat Flexi Hardener Fast
	Dynacoat Flexi Hardener Medium
	Dynacoat Flexi Hardener Slow
10%-20%	Dynacoat Thinner Fast
	Dynacoat Thinner Medium
	Dynacoat Thinner Slow

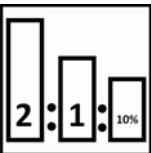






Clear 6000 HS Antiscratch

	1.2-1.4 mm 2 bar
	2 x 1 coat
	5-10 minutes at 20°C 5-10 minutes at 20°C
	4-12 hour at 20°C 15-45 minutes at 60°C
	4 minutes low 8 minutes high



Clear 6000 HS Antiscratch

				
<p>20°C</p>	<p>Hardener Fast Thinner Fast</p>	<p>Hardener Fast Thinner Fast</p>	<p>Hardener Medium Thinner Medium</p>	<p>Hardener Medium Thinner Medium</p>
<p>30°C</p>	<p>Hardener Fast Thinner Fast</p>	<p>Hardener Medium Thinner Medium</p>	<p>Hardener Medium Thinner Medium</p>	<p>Hardener Slow Thinner Slow</p>
<p>40°C</p>	<p>Hardener Medium Thinner Medium</p>	<p>Hardener Slow Thinner Slow</p>	<p>Hardener Slow Thinner Slow</p>	<p>Hardener Slow Thinner Slow</p>

Note: that flash times are dependant on temperature, air flow & job size



2K Topcoat PRO

- PROfessional and easy
- in every way



2K Topcoat PRO

2K 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.

Suitable substrates

- Original finishes and old painted surfaces.
- Filler 4100
- 1K Plastics Primer
- 1K Primer Grey
- 2K Epoxy Primer

- Antigravel
- Glass Reinforced Polyester laminates

Preparation



Clean the surface with Degreaser



P400-P500



P800-P1000



Clean the surface with Degreaser



Use a tack rag (remove dust) before application

Color mixing



- Stir the MM toners before pouring
 - *For better and more accurate color mixing*



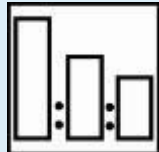
Mix the color accurately
according to the formula



- Stir all MM colors thoroughly after mixing



2K Topcoat PRO mixing ratio



1

2 2K Topcoat PRO

1 Flexi Hardener Fast

Flexi Hardener Medium

Flexi Hardener Slow



30% Thinner Fast

Thinner Medium

Thinner Slow

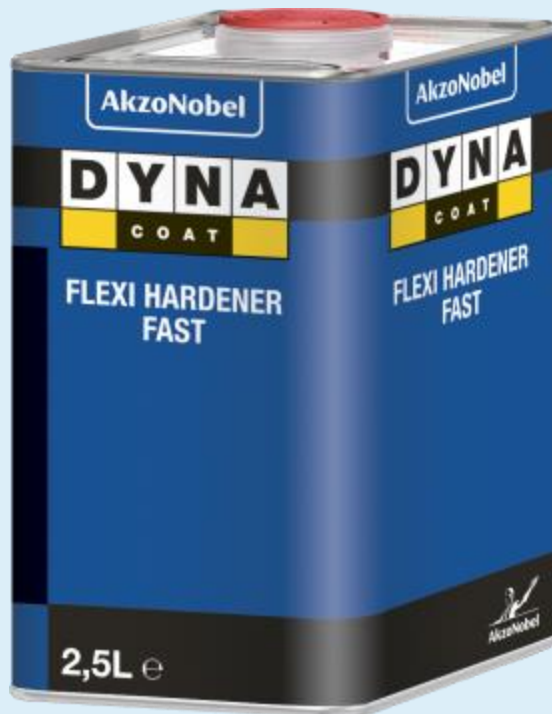


Mixing chart



20°C	Flexi Hardener Fast Thinner Fast	Flexi Hardener Fast Thinner Medium	Flexi Hardener Medium Thinner Medium	Flexi Hardener Slow Thinner Slow
30°C	Flexi Hardener Fast Thinner Medium	Flexi Hardener Medium Thinner Medium	Flexi Hardener Slow Thinner Slow	Flexi Hardener Slow Thinner Slow
35°C	Flexi Hardener Medium Thinner Medium	Flexi Hardener Slow Thinner Slow	Flexi Hardener Slow Thinner Slow	Flexi Hardener Slow Thinner Slow

Pot-life



1½ hours at 20°C



3,5 hours at 20°C

190µm strainers



Technical Data

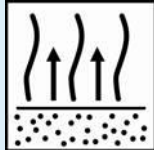


1.2-1.4 mm

2 bar



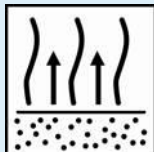
- Apply an flowing closed coat



- 3-5 minutes



- Next apply a full flowing coat



- 5-10 minutes

Drying times



- 4 hours at 20°C
- 15 minutes at 60°C

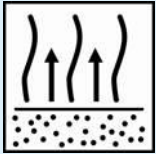


- 10 hours at 20°C
- 25 minutes at 60°C



- 11 hours at 20°C
- 35 minutes at 60°C

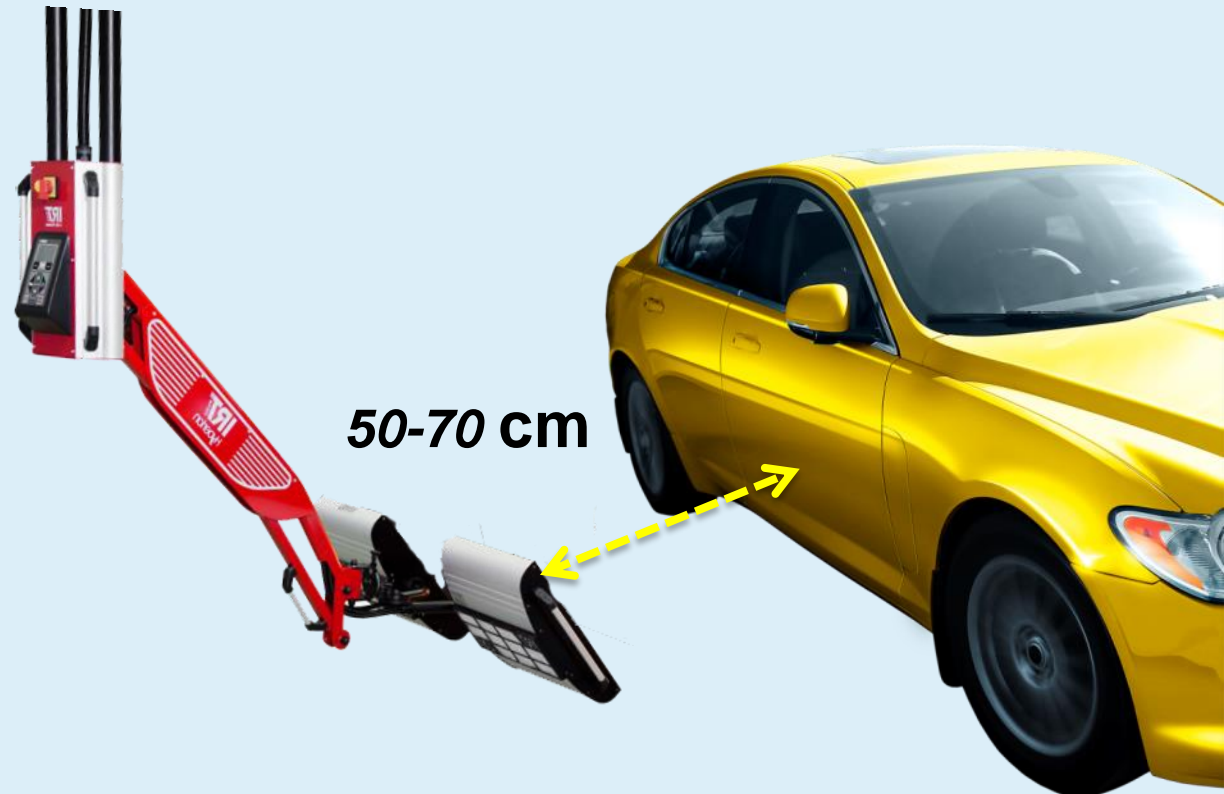
Infra Red drying



- **5 minutes at 20°C**
- *After final 2K Topcoat PRO application*



- **4 minutes low**
- **8 minutes high**



Polishing



After 1 hour at 20°C

- After a full drying cycle of 60°C
- Allow **1 hour cool down** time to ambient temperature
- Follow the recommended sanding and polishing steps

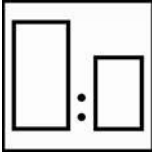


2K Topcoat PRO 9000

Matting paste

For creating different
2K topcoat PRO gloss levels

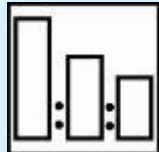
2K Topcoat Pro matting paste 9000

	2K Topcoat PRO	2K Topcoat PRO 9000
Gloss level	<i>Parts-Weight</i>	<i>Parts-Weight</i>
Semi matt	100	50
Matt	100	125



- Stir thoroughly after mixing

Matt 2K Topcoat PRO mixing ratio



1

2 Matt/semi matt 2K Topcoat PRO mixture

1 Flexi Hardener Fast

Flexi Hardener Medium

Flexi Hardener Slow



30% Thinner Fast

Thinner Medium

Thinner Slow





**We meet
expectations !**