

## TECHNICAL DATA SHEET

**NOBEL BASECOAT**

**NOBEL B6000 BASECOAT**

### PRODUCT DESCRIPTION

**NOBEL B6000** is a solvent-based basecoat mixing system for the repainting of passenger cars and commercial vehicles. It offers solid color basecoats, metallic basecoats, pearlescent, and special effect basecoats.

### Uses

- Suitable for use in all vehicle refinishing processes.
- Provides protection and glossy appearance.

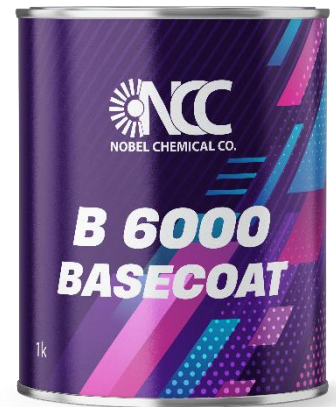
### Product Features

- 1- Nobel b 6000 basecoat color is easy to use.
- 2- Fast drying.
- 3- Has very good coverage and durability. When used in conjunction with a range of Nobel clear coats,

Nobel basecoat delivers a long-lasting high gloss finish

### Substrate and surface preparation

Nobel basecoat should be applied over properly prepared Nobel 2K fillers, for sanding before applying Nobel acrylic, use paper grit P500 dry or P1000 wet.



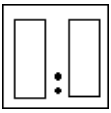
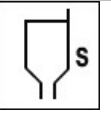

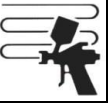
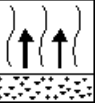

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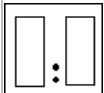

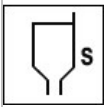

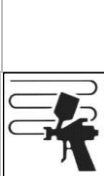
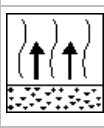

شارع الغازات الكيلو 23 طريق القاهرة  
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## Application of two-stage basecoat colors

	<b>Mixing ratio by volume:</b>																		
	<table border="1"> <tr> <td data-bbox="261 447 727 478"></td> <td data-bbox="727 447 1193 478"></td> </tr> <tr> <td data-bbox="261 478 727 527">NOBEL B6000 BASECO</td> <td data-bbox="727 478 1193 527">Nobel 2 k thinner</td> </tr> <tr> <td data-bbox="261 527 727 575">100%</td> <td data-bbox="727 527 1193 575">100%</td> </tr> </table>			NOBEL B6000 BASECO	Nobel 2 k thinner	100%	100%												
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	<b>Overcoating:</b> Apply NOBEL 2K clearcoat																		

## Application of three-stage basecoat colors

This application requires 3 steps - spraying of a ground, solid basecoat color as the first step; spraying of transparent layers of a special effect pigments basecoat color in the second step, and spraying of a clearcoat in the third step.

	<p><b>Mixing ratio:</b></p> <table border="1" data-bbox="302 646 1232 842"> <tr> <td data-bbox="302 646 768 682">Nobel basecoat</td> <td data-bbox="768 646 1232 682">Nobel 2k thinner</td> </tr> <tr> <td data-bbox="302 682 768 718">100%</td> <td data-bbox="768 682 1232 718">100%</td> </tr> </table> <p>(1:1)</p>	Nobel basecoat	Nobel 2k thinner	100%	100%												
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	<p><b>Flash off time:</b> Between coats: 3-4 min Before applying clearcoat: 20 min</p>																
	<p><b>Overcoating:</b> Apply Nobel 2K clearcoat</p>																

## General notes

### Color checking



Color checking is required before painting a vehicle with all refinish systems.

1. Before checking, look up the motor manufacturer's color code and color name in the Nobel Color Boxes

2. Prepare test panels. Apply the base coat to the test panels to give opacity. The basecoat is normally applied in 2 coats (for metallics apply a mist coat as per the application procedure), but some colors may require more coats. After a recommended flash-off time,

3. For a three-stage basecoat color, use at least two test panels and first apply a ground basecoat color. Then apply a pearlescent/special effect pigment basecoat color over the test panels to identify the number of coats required to achieve the most accurate color.

### Important notes:

- Pearlescent and special effect pigment basecoat colors are transparent.
- With low opacity colors, it may be necessary to apply a coat more after the appropriate flash-off time. Use the appropriate shade of Nobel 2K grey fillers before applying the basecoat.
- Maximum dry film thickness for a three-stage color for 4 coats (excluding a clearcoat) is around 40 microns.

### Rectification and polishing

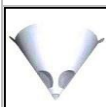
- Visible defects can be removed only after the basecoat is fully dry by light manual sanding with paper grit P1500 or finer. For smoother sanding, the sanding paper can be slightly soaked with water

### Other tips

With low opacity colors, it may be necessary to apply a coat more after the appropriate flash-off time. Use the appropriate shade of Kapci 2K grey fillers before applying the basecoat.



Stir Nobel b6000 basecoat color well.



It is always recommended to filter the basecoat before spraying.

## Shelf life

36 months in the original package, tightly closed at a temperature of 25 °C and away from direct sunlight and heat

## Remarks

- Material has to be at room temperature (20-25 °C) before use.
- Clean the spray gun thoroughly immediately after the use of 2K products.
- Allow additional time for preheating up to panel temperature.
- The choice of Reducer should be made according to the application temperature and size of the repair

## Health and Safety

1. For full Health and Safety information please refer to the Material Safety Data Sheet.
2. Observe the precautionary notices displayed on the container.
3. Good ventilation must be provided in the working environment