

# CAR FINISH

Annual Catalog

[www.nobelchemicalco.com](http://www.nobelchemicalco.com)

# OUR HISTORY

Established in 2018, Nobel Chemical Company is an Egyptian company that provides top-notch multi-purpose paints and coating products, developing, producing, and distributing highly specialized chemical products catering to various sectors and industries, including automotive, decorative paints, wood coatings, printing inks, and much more, with high quality and customer satisfaction at the heart of everything the company does. From automotive to wood coating and other professional industrial ranges, Nobel provides top-in-class products that cater to various industries and businesses across Egypt. As for chemical industries,

## OUR VISION

In a highly competitive and rapidly developing market relying on research and technology, our vision is to be the market leader in Egypt for our full range of products and to become a global player in the field of car refinishing paints.

## OUR MISSION

We seek to transform the world into a better world. In our pursuit of technological advancement and paint innovation, we are focused on customers, governed by honor and honesty, driven by research and technology, and moved by the inherent order and beauty of nature

## AUTO REFINISH

Automotive refinishing requires highly specialized and quality products. At Nobel chemical, we continue to develop car refinish products that are highly innovative. Our mission is to produce coating systems that bring solutions

## POLISHES

Nobel Car polishes are a compound formula designed to remove scratches and add a pleasing shine, and we are providing the best car polish that will meet your expectations to get a shiny appearance for all automotive types, which makes us the first choice for our success factors.



**BODY FILLER**

**FILLER**

# PE 400

## HEAVY POLYESTER

**DESCRIPTION:**

PE 4000 One is a high-quality polyester putty that is a two-component used for filling gaps on car surfaces. It is suitable for car and bus surfaces

**Mixing ratio by volume:**

100% NOBEL 4000 PE Putty

1-3% NOBEL 4000 PE Putty Hardener

**IR Drying:** 5-8 min

**Drying time at 20 °C:** 20-30 min

**Shape:** Putty form

**Color:** Red – Yellow – Gray

**Package:** 3gm / 2gm



# PE 4100

## LIGHTWEIGHT BODY FILLER

**DESCRIPTION:**

PE 4100 is a lightweight general-purpose body filler based on polyester resin. It is particularly suitable for the filling of large surface areas due to its lower density. Its optimized viscosity and thixotropy deliver easy mixing, application, and sanding.

**Mixing ratio by volume:**

100% NOBEL 4100 PE Putty

1-3% NOBEL 4100 PE Putty Hardener

**IR Drying:** 5-8 min

**Drying time at 20 °C:** 20-30 min

**Shape:** Putty form

**Color:** Red – Yellow – Gray

**Package:** 3gm / 2gm



# PE 4200

## FIBER BODY FILLER

**DESCRIPTION:**

PE 4200 is a polyester-based putty that contains glass fibers. Its higher number of glass-fibers provides thick layers in filling of deeper dents, small holes, and bridging of cracks.

**Mixing ratio by volume:**

100% NOBEL 4200 PE Putty

1-3% NOBEL 4200 PE Putty Hardener

**IR Drying:** 5-8 min

**Drying time at 20 °C:** 20-30 min

**Shape:** Putty form

**Color:** Red – Yellow – Gray

**Package:** 3gm / 2gm



# PE 4300

## ELASTIC BODY FILLER

**DESCRIPTION:**

PE 4300 is a polyester-based elastic putty especially designed for application over plastics. It adheres excellently to plastics and has excellent flexibility and resistance to wrapping. It can be applied over any kind of plastics except polyethylene (PE) and may be used under any Noble filler. Its gray anthracite color is similar to the original color of plastic car parts.

**Mixing ratio by volume:**

100% NOBEL 4300 PE Putty

1-3% NOBEL 4300 PE Putty Hardener

**IR Drying:** 5-8 min

**Drying time at 20 °C:** 20-30 min

**Shape:** Putty form

**Color:** Red – Yellow – Gray

**Package:** 3gm / 2gm





**NC PUTTY**

NC PUTTY



# NCF 900

## FILLER NITROCELLULOSE

**DESCRIPTION:**

Filler NC F900 is a pigmented nitrocellulose filler blended with modified alkyd resins and selected fillers. It is formulated to give a high covering property, good sanding ability, and good elasticity.

**Mixing ratio by volume:**

(Nobel NCF900) NC FILLER: 100%

Max Nobel supper thinner NC thinner: 100%

**Application viscosity:** 18-20 s (F4/20°C)

**Flash off time:** 5 min between coats

**Shape:** Liquid form

**Drying time at 25°C:** 20 – 30 min/20°C

**Dry to Sand:** 2 – 4 h

**IR Drying:** Short wave 8-10 min.

**Color:** White and light grey colors are available.

**Package:** 1gm



# NCP 4500

## NITROCELLULOSE PUTTY

**DESCRIPTION:**

NOBEL NCP 4500 is an extra rapid 1K putty based on a nitrocellulose resins blend. It delivers excellent filling properties and is used for fine and smooth leveling of minor irregularities, scratches, and pores.

**Application viscosity:**

Apply by knife.

Apply in 1-2 thin coats.

When necessary, repeat the operation more times.

Allow drying for 5-10 minutes between coats.

**Shape:** Liquid form

**Drying time at 20°C: Dry to Sand:** Approximately 20 min.

**Machine or manual dry sanding:**

The following grades of sanding papers are recommended: P400 or P500

**Manual wet sanding:**

The following grades of sanding papers are recommended:

P800 or P1000

**Color:** White and light grey colors are available.

**Package:** 1gm





**BASE COAT** A S E G O A

# A 5000 ACRYLIC 2K

**DESCRIPTION:**

Nobel A5000 acrylic 2k is a 2K acrylic ready mixed topcoat for repainting passenger cars and commercial vehicles. Nobel Acrylic delivers 2K acrylic-urethane direct gloss topcoats having high gloss, excellent durability, and excellent coverage.

**Mixing ratio by volume:**

Nobel 2K acrylic ready mixed thinners: 100%

Nobel MS Hardeners: 50%

Nobel 2K: 30%

**Application viscosity:** 16-18s (DIN4/20°C)

**Flash off time:** 4-7 min

**Shape:** Liquid form

**Drying time:** 12 h/20°C

30 min/60°C

**IR Drying:** Short wave 8-10 min.

**Color:** Available in 28 acrylic colors.

**Package:** 1gm



# AF 5500

## ACRYLIC FILLER 2K

**DESCRIPTION:**

Nobel AF5500 Acrylic filler 2k is a 2K filler specially developed under Nobel 2K acrylic topcoats and Nobel basecoat colors. It delivers easy application, sanding, good color holds out, and finishes.

**Mixing ratio by volume:**

100% NOBEL FILER

25% HARDENER

25% 2K THINNER

**Application viscosity:** 16-20 s (DIN4/20°C)

**Flash off time:** 5-7 minutes at 20°C

Before baking: 20 min at 20°C

**Shape:** Liquid form

**IR Drying:** Short wave 10-15 min.

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

**Package:** 1gm



# B 6000

## BASECOAT

**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.

**Mixing ratio by volume:**

100% NOBEL B6000 Basecoat

100% NOBEL 2K Thinner

**Application viscosity:** 16-18 s (DIN4/20°C)

**Flash off time:** Between coats: 3-4 min

Before applying clearcoat: 10-15 min

**Shape:** Liquid form

**IR Drying:** Short wave 8-10 min.

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

**Package:** 1gm



# CLEAR COAT

# CLEAR COAT 2000 MS

## DESCRIPTION:

Is a 2K medium solids acrylic clearcoat especially formulated for applying over solvent-based basecoats. It gives a high gloss and a “water-like” final appearance. It offers high durability and weathering resistance. When used in conjunction with Nobel MS hardeners 360 Normal, 370 Fast, 653 Extra Fast, or Nobel 2000 delivers a high gloss and excellent finish.

## TECHNICAL INFORMATION

**Finish:** Gloss

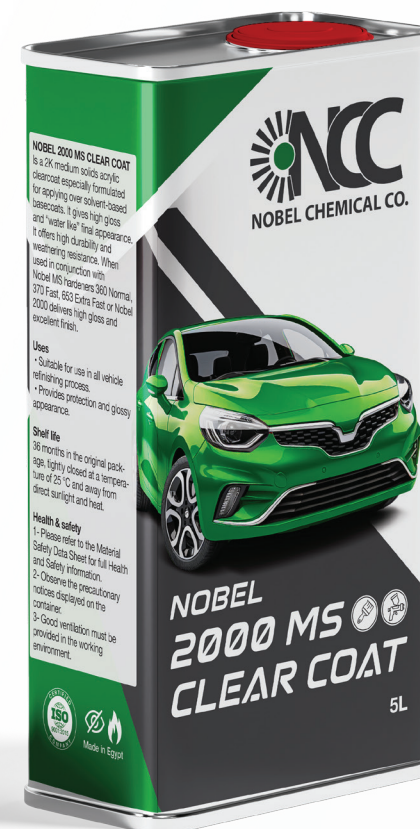
**Color:** Transparent

**Solid content:** 45 % ± 2%

**Density at 25°:** 1 ± 0.05 gm. /cm<sup>3</sup>

**Viscosity:** 1 min ± 10 seconds

**Distillation Range:** 120 – 150°C





# CLEAR COAT 2300 HS

## DESCRIPTION:

Is a 2K high solids acrylic clearcoat especially formulated for applying over solvent-based basecoats. It gives high gloss and offers high durability and weathering resistance. When used in conjunction with Nobel HS hardeners 355 Normal, 350 Fast, 360 Extra Fast, or Nobel 2400 delivers a high gloss and excellent finish.

## TECHNICAL INFORMATION

**Finish:** Gloss

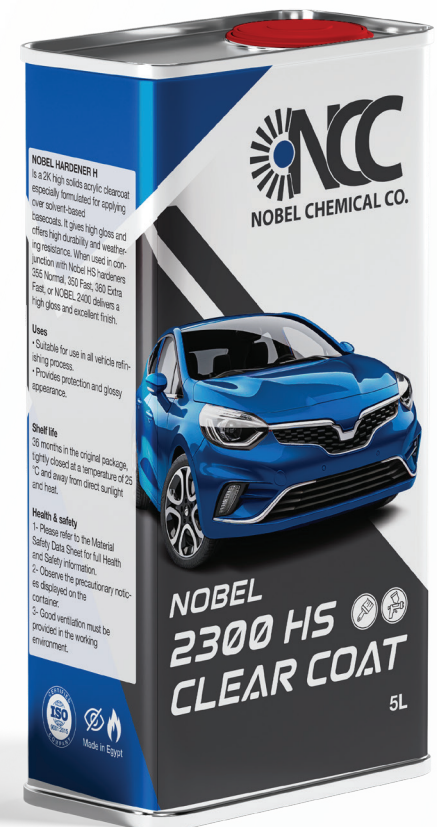
**Color:** Transparent

**Solid content:** 75 %  $\pm$  2%

**Density at 25°:** 1  $\pm$  0.05 gm. /cm<sup>3</sup>

**Viscosity:** 1 min  $\pm$  10 seconds

**Gloss level /60:** 88-92 GU (angle 60°)



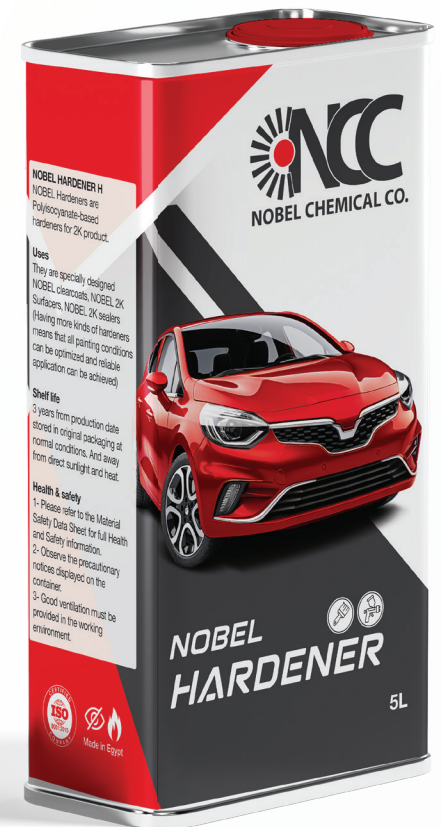
# HARDENER

## DESCRIPTION:

(NOBEL hardener H) NOBEL Hardeners are polyisocyanate-based hardeners for 2K product.

## USES

They are specially designed for NOBEL 2K PU paints, NOBEL clearcoats, NOBEL 2K Surfacer, NOBEL 2K sealers (Having more kinds of hardeners means that all painting conditions can be optimized and reliable application can be achieved).





**COMPOUND**

COMPOUND

# FAST CUT COMPOUND N100

## DESCRIPTION:

Nobel N100 is a high-performance water-based fast-cut compound used for the removal of P1500 or finer (sanding) scratches. It is a silicone and wax-free product that delivers a high gloss finish. It is used with a white sponge or a wool pad. It can also be used for polish by hand.

**Product group:** Silicone and wax free

**Viscosity:** 44-55 Poise

**Color, APHA:** Max.10 APHA

**Density:** 1.05 -1.12kg/L

**Shape:** Liquid form

**Distillation Range:** 120 – 150°C

**Color:** White

**Package:** 250gm



# MEDIUM CUT COMPOUND N110

**DESCRIPTION:**

NOBEL 110 is a high-performance water-based medium-cut compound used for the removal of p2000 or finer sanding scratches its wax and silicon-free product Which delivers a high-gloss finish. Nobel N100 is used with a yellow sponge for polish by machine or a wool pad. It can also be used for polish by hand.

**Product group:** Silicone and wax free

**Viscosity:** 44-55 Poise

**Color, APHA:** Max.10 APHA

**Density:** 1.05 -1.12kg/L

**Shape:** Liquid form

**Color:** White

**Package:** 300gm



# FINE CUT COMPOUND N105

**DESCRIPTION:**

NOBEL 105 is fast cut compound used for the removal of P1500 or finer sanding scratches. It is a wax and silicon-free product that delivers a high-gloss finish. Nobel n100 is used with a white sponge or a wool pad. It can also be used for polish by hand.

**Product group:** Silicone and wax free

**Viscosity:** 44-55 Poise

**Color, APHA:** Max.10 APHA

**Density:** 1.05 -1.12kg/L

**Shape:** Paste form

**Color:** White

**Package:** 250gm



# FINE CUT COMPOUND N120

## DESCRIPTION:

NOBEL 120 is a high-performance water-based fine-cut compound used as a third step after n100 and n110 or n 100 only It is a silicone and wax-free product that delivers a superior gloss finish. Nobel n 120 is used with a grey fine sponge for polish by machine. It can also be used for polish by hand. The product is also super to remove swirl marks resulting from the compounding process.

**Product group:** Silicone and wax free

**Viscosity:** 22-35 Poise

**Density:** 1.05 -1.12kg/L

**Shape:** Liquid form

**Color:** White

**Package:** 300gm





**POLISHING**

LESS FASTER



# POLISH CREAM N140

**DESCRIPTION:**

Nobel N140 is a polish used to deliver a high gloss finish after applying compounds Nobel N120, and N100 compound.

**Product group:** Silicone and wax free

**Viscosity:** 22-35 Poise

**Density:** 1.04-1.08 kg/L

**Shape:** Paste form

**Color:** Yellow

**Package:** 250gm



# WAX POLISH N150

**DESCRIPTION:**

Nobel N150 is a wax Polish used to deliver a high gloss finish after applying compounds Nobel N120, and N100 compound.

**Product group:** Silicone and wax free

**Viscosity:** 22-35 Poise

**Density:** 1.04-1.08 kg/L

**Shape:** Paste form

**Color:** Yellow

**Package:** 250gm



# LIQUID POLISH N130

**DESCRIPTION:**

Nobel N130 is a wax Polish that delivers a high gloss finish after applying Nobel N120 and N100 compound compounds.

**Product group:** Silicone and wax free

**Viscosity:** 22-35 Poise

**Density:** 0.95-1kg/L

**Shape:** Liquid form

**Color:** Yellow

**Package:** 0.9L





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