

EGCO NITRO PUTTY EG N10

Description:

EGCO Nitrocellulose Putty EG N10 is a fine knifing nitrocellulose putty, used to fill in minor surface flaws and scratches marks in car and commercial vehicle.

Product and additives:

EGCO N.C Putty EG N10

Basic Raw Material:

Alkyd Resin - Nitrocellulose solution - Filler - Pigments - Solvents

Technical Information:

Color:

Green , Gray. Red and white

Specific Gravity:

1.55 ± 0.01 gm/cm³

Viscosity:

150,000 – 250,000 c.p./25°C

Solid Content:

72±2 %

Suitable Substrates: Suitable for cars, steel surfaces, old paint surfaces, and ready applied polyester putty

Surface Preparation: Surface should be clean and free of dust, grease, and oil.

Application:



Using a flexible blade apply a coat across the desired area.

Drying Time:



Drying Time	Surface Dry	Hard Dry
Air Drying 20°C	20 minutes	2 hours
Air Drying 30°C	15 minutes	1½ hour
Air Drying 40°C	10 minutes	1.25 hour

Sanding:



- 1- Dry sanding using grit sandpaper number 280 - 360.
- 2- Wet sanding using grit sandpaper number 400 - 600.

Shelf Life:

Minimum 2 years if stored in original package at 77°F (25°C).

Packaging:

1 Kg & 5 kg

Advantages:

- 1- Easy sanding
- 2- Perfect filling
- 3- Very fast drying

Precautions:

Do not handle until the material safety data sheets have been read and understood. Regulations require that all employees should be trained on material safety data sheets for chemicals used by them. The manufacturer recommends the use of an air-supplied respirator when exposed to vapors or spray mist.

EGCO SURFACER EG N20

Description:

EGCO Surfacers N20 is a nitrocellulose surfacer applied directly before the top coat layer to obtain a smooth surface. It is manufactured from special alkyd resins and nitrocellulose. It is characterized by its easy sanding, fast drying and perfect filling.

Product & Additives:

EGCO Surfacers N20

Basic Raw Material:

High Quality Resins - Fillers - Special Additives - Solvents

Technical information:

Color:

Available in all shades

Specific Gravity:

1.4±0.1 gm/cm³

Viscosity:

30,000 ± 1000 c.p./25°C

Solid Content:

By Weight: 65% (Before Curing)

Suitable Substrates: Suitable for bare steel surfaces and wood works.

Surface Preparation:

- 1- Surface should be clean and free of dust, grease, and oil.
- 2- Surface should be sanded using grit sandpaper number 280.
- 3- Wood surfaces must be sealed using N.C putty or a suitable polyester putty. Complete by sanding using grit sandpaper number 280 to obtain a smooth surface.
- 4- Bare steel surfaces must be painted by suitable primer.
- 5- To dry sanding, complete by using grit sandpaper number 280.

Mixing Ratio:

	EGCO Surfacers EG N20	N.C Thinner
By Volume	100 part by volume	About 50 part by volume, depending on the required viscosity.

Pot Life: N/A

Thinning:

- 1- Thinned by adding 50 % of a high quality thinner.
- 2- Thinned till required viscosity.

Application:

- 1- Apply using a spray gun nozzle: 1.5 – 1.8 mm.
- 2- Spraying Pressure: 3 – 4 Bar.
- 3- Spraying Viscosity: 18-20seconds Ford Cup # 4 at 25°C.

Flash Time: Allow 3 – 4 minutes between coats.

Drying Time: **At 50 – 60 µm D.F.T**

Drying Time	Surface Dry	Hard Dry
Air Drying 25°C	5 – 10 minutes	30 minutes

Sanding: N/A

Film Thickness: 15-20 µm dry film per single coat.

Cover Rate: Approximately 6 – 8 m²/1Kg at 50 – 60 µm D.F.T.

Shelf Life: Minimum 5 years if stored in original package at 25°C.

Packaging: 1 kg & 5 kg

Advantages:

- 1- Provides a fabulous smooth surface
- 2- Easy Sanding
- 3- Perfect Filling

Precautions:

Do not handle until the material safety data sheets have been read and understood. Regulations require that all employees should be trained on material safety data sheets for chemicals used by them. The manufacturer recommends the use of an air-supplied respirator when exposed to vapors or spray mist.

EGCO 1K FILLER EG N30

Description:

EGCO 1K FILLER EG N30 is a special one component filler, characterized by its easy sanding and very fast drying.

Product & Additives:

EGCO 1k Filler EG N30
EGCO NC thinner

Basic Raw Material:

High Quality Resin - Special Additives - Solvents - Fillers - Pigments

Technical Information:

Color:

Yellow, grey, red, green, white, and black

Specific Gravity:

1.4 ± 0.05 gm/cm³

Viscosity:

12,500 – 13,000 c.p./25°C

Solid Content:

By Weight : 58 ± 2% (Before Curing)

Suitable Substrates:

- car refinishing
- new car body work
- steel
- leader poly ester putties
- leader wash primer and wash filler

Surface Preparation:

- Surface should be clean and free of dust, grease, and oil.
- Surface should be sanded using grit sandpaper number 260 - 280

Mixing Ratio:

- 100 parts of leader 1 K filler
- 100 parts of leader NC thinner

Pot Life:

N/A

Application:

Spray gun

- Gravity feed: 1.5-1.8 mm
- Suction feed: 1.8 mm

Spraying Pressure: 3 – 4 bar.
Spraying Viscosity: 18-22 seconds Ford Cup # 4 at 25°C.
Number of Coats: 2 – 3 coats.

Drying Time:

	20 °C	40 °C	60 °C
Dry to flat after	30 minutes	20 min	20 min

Sanding:

- Dry sanding using grit sandpaper number 360, followed by grit sandpaper number 600
- Wet sanding using grit sandpaper number 360 – 400, followed by grit sandpaper number 800 – 1000.

Film Thickness:

25-30 µm dry film per single coat.

Cover Rate:

Approximately 6 – 8 m²/L of unmixed paint per single coat.

Container Size:

N/A

Shelf Life:

Minimum 2 years if stored in original package at 25°C.

Packaging:

1 Litre & 3.75 Litre

Advantages:

- Easily sanded and applied
- Maximum building
- Very fast drying
- Suitable for all 2K paint finishes

Warning:

- Easily sanded and applied
- Do not breathe or inhale
- Avoid skin and eye contact, in such cases flush well using a cleanser, soap and water

Precautions:

Do not handle until the material safety data sheets have been read and understood. Regulations require that all employees should be trained on material safety data sheets for chemicals used by them. The manufacturer recommends the use of an air-supplied respirator when exposed to vapors or spray mist.

Technical Data Sheet

EGCO N.C PAINT

Description:

EGCO N.C Paint EG N50 is a high gloss nitrocellulose enamel based on a special alkyd resin. It includes high quality nitrocellulose and special ingredients of additives, to obtain high gloss, perfect abrasion and weathering resistance.

Product & Additives:

EGCO N.C Paint EG N50

Leader NC thinner

Basic Raw Material:

Alkyd Resins - Nitrocellulose Solution - Pigments Thinner

Technical Information:

Color:

Available in all shades

Specific Gravity:

1±0.1 gm/cm³

Viscosity:

2000 - 3000 c.p./25°C

Solid Content:

By Weight : 36 – 40 % (Before Curing)

Suitable Substrates: Suitable for existing finishes, bare steel metal and wood surfaces.

Surface Preparation:



- 1- Surface should be clean and free of dust, grease, and oil.
- 2- Surface should be sanded with grit sand paper.
- 3- New wood surfaces must be sealed using N.C surfacer or a suitable filler. Complete it by sanding using grit sandpaper number 1000 to obtain a smooth surface.
- 4- Bare steel surfaces must be painted by suitable primer

Mixing Ratio:



	EGCO N.C Paint N50	EGCO Thinner
By Volume	100 ml	100 ml

Pot Life:

N/A

Thinning:



- 1- Thinned by adding 50 % of a high quality thinner.
- 2- Thinned till required viscosity.

Application:



- 1- Apply using a spray gun nozzle: 1.2 – 1.4 mm.
- 2- Spraying Pressure: 3 – 4 bar.
- 3- Spraying Viscosity: 18 – 20 seconds Ford Cup # 4 at 25°C.
- 4- Number of coats: 3 coats.

Flash Time:

Allow 3 – 4 minutes between coats.

Drying Time:



At 50 – 60 µm D.F.T

Drying Time	Flash – off Time	Surface Dry	Hard Dry
Air Drying 25°C	3 – 4 minutes	10 – 15 minutes	20 – 30 minutes

Sanding: N/A

Film Thickness: 15-20 µm dry film per single coat.

Cover Rate: Approximately 6 – 8 m²/1Kg at 50 – 60 µm D.F.T.

Shelf Life: Minimum 3 years if stored in original package at 25°C.

Packaging: 1L & 3.75L

Advantages:

- 1- High Gloss
- 2- Perfect Adhesion
- 3- Excellent mechanical properties

Precautions:

Do not handle until the material safety data sheets have been read and understood. Regulations require that all employees should be trained on material safety data sheets for chemicals used by them. The manufacturer recommends the use of an air-supplied respirator when exposed to vapors or spray mist.

EGCO POLYESTER PUTTY EG P40

Description:

EGCO Polyester Putty EG P40 is a two component polyester putty paste, designed to repair damaged body panels on vehicles.

Product & additives:

Additives:
EGCO Polyester Putty EG P40
Peroxide Hardener

Basic Raw Material:

Unsaturated Polyester Resin - Di-Benzoyl Peroxide

Technical Information:

Color:

Gray, red, yellow, and white

Specific Gravity:

1.9±0.1 gm/cm³

Viscosity:

1000000 – 1400000 c.p./25°C

Solid Content:

By Weight: 89%± 1 (Before Curing)

Suitable Substrates:

- 1- steel surface
- 2- Existing finishes
- 3- Primer

Note: Do not apply EGCO Polyester Putty on thermo plastic acrylic finishes. You can use wash primers or wash fillers

Surface Preparation:

- 1- Surface should be clean and free of dust, grease, and oil.
- 2- Surface should be sanded using grit sandpaper number 120.

Mixing Ratio:



Mix the desired amount of putty by approximately 3% hardener using a plastic spreader or a putty knife.

Pot Life:



Allow 3 – 5 minutes at 25°C.

Application:



Using a flexible blade apply a coat across the desired area.

Drying Time:



Drying Time	Surface Dry	Hard Dry
Air Drying 10°C	6 minutes	45 minutes
Air Drying 20°C	4.5 minutes	30 minutes
Air Drying 30°C	3.5 minutes	20 minutes
Air Drying 40°C	3 minutes	15 minutes

Sanding:



- 1- Dry sanding using grit sandpaper number 80, followed by grit sandpaper number 180.
- 2- Wet sanding using grit sandpaper number 120.

Shelf Life:

Minimum 2 years if stored in original package at 77°F (25°C).

Packaging:

1 kg & 2 kg

Advantages:

- 1- Perfect filling
- 2- Very easy sanding
- 3- Quick drying

Precautions:

Do not handle until the material safety data sheets have been read and understood. Regulations require that all employees should be trained on material safety data sheets for chemicals used by them. The manufacturer recommends the use of an air-supplied respirator when exposed to vapors or spray mist.

EGCO 2K ACRYLIC FILLER EG A60

Description:

EGCO 2K Filler EG A60 is a high quality 2component. acrylic filler used for cars. It promotes a high film build with excellent vertical stability and easy sanding which makes it very cost effective.

Product & Additives:

EGCO acrylic two component filler

EGCO filler hardener

Special additives:

Basic Raw Material:

EGCO two component acrylic filler: acrylic resin

Hardener: poly- isocyanate resin

Technical Information:

Color:

Grey, yellow, white, rose, and black

Specific Gravity:

1.71±0.1 gm/cm³

Viscosity:

25000 - 30000 c.p./25°C

Solid Content:

By Weight :76% (Before Curing)

Suitable Substrates: Suitable for bare steel surfaces, E.Poxy, original or old paints and polyester putty

Surface Preparation:



- Surface should be clean & free of dust grease. And oil
- To dry sanding, complete it using grit sand paper number 280.
- To wet sanding, complete it using grit sand paper number 400.

Mixing Ratio:



	Filler	Hardener
By Volume	4	1
By Parts	100	15

Pot Life:



2 hours at 25°C.

Thinning:



Thinned by adding 20 – 25% of a suitable acrylic thinner.

Application:



- Apply using a spray gun nozzle: 1.8 – 2 mm.
- Spraying Pressure: 3 – 4 bar.
- Spraying Viscosity: 18-20 seconds Ford Cup # 4 at 25°C.
- Number of coats: 2 – 3 coats.


Flash Time: Allow 5 – 6 minutes between coats.

Drying Time:



At 80 – 100 µm D.F.T.

Drying Time	Flash – off Time	Hard Dry
Low Bake 60°C	5 - 15 minutes	30 minutes
Infra-red Drying - Medium Wave - Short Wave	5 - 10 minutes 5 - 10 minutes	----- 15 minutes

Sanding:	<div><ul style="list-style-type: none">• Dry sanding using grit sandpaper number 360 - 400, followed by grit sandpaper number 800 - 1000.• Wet sanding using grit sandpaper number 360, followed by grit sand paper number 600.</div>
Film Thickness:	25 – 35 mm dry film per single coat.
Cover Rate:	Approximately 6 - 8 m ² /1Kg of unmixed paint per single coat at 40µm D.F.T.
Packaging:	1 Litre & 3.75 Litre
Shelf Life:	Minimum 2 years if stored in original package at 25°C.
Packaging:	1 Litre & 3.75 Litre

Advantages:

- Apply using a spray gun nozzle: 1.8 – 2 mm.
- Easy sanding
- Suitable for all acrylic paints

Precautions:

Do not handle until the material safety data sheets have been read and understood. Regulations require that all employees should be trained on material safety data sheets for chemicals used by them. The manufacturer recommends the use of an air-supplied respirator when exposed to vapors or spray mist.

Technical Data Sheet

2K ACRYLIC PAINT

EG S 90

1- Characteristic properties

EGCO 2K Acrylic Paint EG A90 is a two-component acrylic polyurethane car refinishing system. This system produces solid colour matches. The system is also characterized by its very high gloss, good appearance and outstanding weathering.

2- Materials for application

EGCO 2K Acrylic Paint EG A90
EGCO Hardener EG A75
EGCO Thinner EG A76

3-Suitable substrate and surface preparation

-Existing finishes

Degrease and flat before application of EGCO EG A90.

-Other EGCO Priming products

EGCO Filler EGA60 (two component)
EGCO Filler EGN30 (one component)
After wet flatting with p800 - p1000 sandpaper or Dry flatting with p360 - p400 sandpaper.

4- Mixing ratio (by volume)

EGCO 2K Acrylic EG A90	EGCO EG A75	EGCO EG A76
100	50	30

5- Pot life

When mixed: 4 hours at 20 °C.

6-Spraying viscosity

16-17 Sec. Ford Cup No. 4 at 20 °C.

7- Spraying Process

- Apply 3 single coats.
- Allow 5 to 10 minutes flash-off time between coats.

9- Spraying conditions

Nozzle diameter: 1.2 - 1.5 mm
Working pressure: 3 - 5 bar
Film thickness: approx. 25 microns per coat.

10- Coverage

8-9 m²/l (for 3 single wet coats of paint as supplied).

11-Cleaning of equipment

Use EGCO thinner EG A76 or nitrocellulose thinner.

12- Drying times

	At 20 °C	At 60 °C
Dust Free	45 Min.	5 min
Tack Free	3.5 hour	15 min
Hard Dry	16 hours	45 min

13-Packaging

1 liter and 3.75 liter

14-Colour

Refer to EGCO colour card (2 k solid colours)

15-Shelf life

24 months at 20 °C

16- Material safety data

When using these products it is required to comply with the national regulations for health and safety.

17- Flash points and transport classification

Product	Flash point	ADR transport code
EGCO EG A90	21 °C	Free
EGCO EG A75	21 . 55 °C	3-31 °C
EGCO EG A76	21-55 °C	3-33 °C

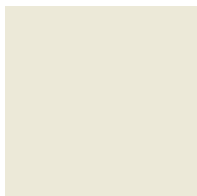
- If forced drying is applied allow a minimum of 5 minutes for flash off.

8- Special Technique and / or spot repairs

- Spray areas under repair until achieving opacity.
- Ensure that each coat extends slightly beyond the previous one.

Notes:

- The data on the label of the products must be considered.
- Storage and transportation should comply with the local laws.
- The information given in these data sheet is based upon our best knowledge and experience.



One pack base coat metallic for car refinishes

1- Characteristic properties

EGCO Base Coat EG M10 is a one pack base coat metallic for which produces metallic effect finishes for passenger cars, commercial vehicles and equipment as well as for designs and special effect colours. The complete system is a two-coat system consisting of EGCO BASE EG M10 as the base coat then a clear coat " EG A70" is applied. The final finish is characterized by magnificent optical effort and high gloss.

2-Materials for application

EGCO	BASE	(EG	M10)
EGCO	Thinner	(EG	A76)
EGCO	Clearcoat	(EG	A70)

EGCO Hardener for clear coat (EG A75)

3-Suitable substrate and surface preparation

-Existing finishes(except thermoplastic acrylic)

Degrease and dry flat with p400 sandpaper or wet flat with p1000 sandpaper.

-Other Kapci Priming products as

EGCO	filler	EG	A60	(two	component)
EGCO	filler	EG	N30	(one	component)

After wet flatting with p800 . p1000 sandpaper.

- Thermoplastic acrylic

Before application of EGCO BASE (EG A100) over thermoplastic acrylic one should apply either one of the following:
Two component filler EGCO EG A60 or
One component filler EG N30

4- Mixing ratio (by volume)

EGCO Base	EGCO Thinner
EG M10	EG A76
100	100

5- Special Technique and / or spot repairs

When making spot repairs use a working pressure of 1-1.5 bar to spray thin coats until achieving opacity. Allow the metallic coat to set matt finish. Next fade

7- Spraying conditions

Spray gun	Nozzle diameter	Working pressure
Gravity feed	1.2-1.5 mm	3-4 bar
Suction feed	1.4-1.6 mm	3-4 bar

8- Spraying Process

- First apply one single coat of EGCO Base EG M10 to the repair area. After a flash-off time of 5-10 minutes cover the area overall with a single wet coat. Depending on the hiding power of the color, apply 2 or 3 thin single coats allowing 5-10 minutes between coats.
- Recoat EGCO BASE EG M10 with 1-2 mist coats using a working pressure of 2 bar.
- After 20 minutes drying at 20 °C, the base coat can be sprayed with EGCO clear coat EGA70
- The base coat must not be left more than 2 hours before coating with clear coat.

N.B.:

Instruction for the application of EGCO clear coat EG A70 can be found in the technical data sheet for EG A70

9- Coverage rate

7-8 m²/l (for 3 single coats of paint as supplied).

10-Cleaning of equipment

First flush out the spray gun with a small amount of EGCO thinner EG A76, Next flush out with nitrocellulose thinner.

11- Packaging

1 liter and 3.75 liter.

12- Colour

Refer to EGCO BASE color card (Base coat metallic)

13- Shelf life

24 months at 20 °C

14- Material safety data

When using these products it is required to comply with the national regulations for health and safety.

15- Flash points and transport classification

Product	Flash	ADR
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out twice well extending beyond the edges. After 15 minutes drying at 20 °C the metallic base coat may be recoated with another layer. After 15-20 min drying at 20 °C apply a topcoat of EGCO clear coat EG A70

	point	transport code
EGCO BASE	21-55 °C	3-31 °C
EGCO THINNER	21 . 55 °C	3-31 °C

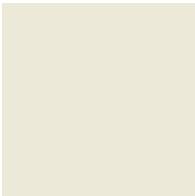
6-Spraying

viscosity

14-15 Sec. Ford Cup No. 4 at 20 °C.

Notes:

- The data on the label of the products must be considered.
- Storage and transportation should comply with the local laws.
- The information given in these data sheet is based upon our best knowledge and experience.



Technical Data Sheet

M.S CLEAR COAT

A70

Description:

EGCO Clear Coat EG A70 is a medium solid two component acrylic varnish, based on the best quality of acrylic resins. It is specially formulated for the base coat paint system. Clear Coat provides high gloss, with maximum weathering and chemical resistance, plus perfect mechanical properties.

Product & Additives:

Additives:

EGCO Clear Coat EG A70

EGCO Hardener EG A75

EGCO 2K Thinner EG A76

Basic Raw Material:

Special Acrylic Resins - Additives - Solvents

Technical Information:

Color:

Clear

Specific Gravity:

1±0.1 gm/cm³

Viscosity:

95-100 min Ford Cup # 4 at 20°C

Solid Content:

55 ± 2% (Before Curing)

Suitable Substrates: Suitable for metallic base coat paint.

Surface Preparation: 1- Surface should be clean and free of dust, grease, and oil.
2- Old varnish surfaces must be sanded using grit sandpaper number 1200, before applying "Clear Coat".

Mixing Ratio:



	EGCO Clear Coat EG A70	EGCO Hardener EG A75	EGCO Thinner EG A76
By Volume	100	50	30

Pot Life:



4 hours at 20°C.

Thinning:



1- Thinned by adding 30% of a suitable acrylic thinner.
2- Thinned till required viscosity.

Application:



1- Apply using a spray gun nozzle: 1.5 – 1.8 mm.
2- Spraying Pressure: 3 – 4 Bar.
3- Spraying Viscosity: 14-16 seconds Ford Cup # 4 at 20°C.
4- Number of coats: 3 coats maximum

Flash Time:



Allow 5 – 10 minutes between coats

Drying Time:



At 50 – 60 µm D.F.T.

Temperature	Dust Free	Tack Free	Complete Dry
Air Drying 20°C	30 minutes	3 hours	16 hours
Air Drying 60°C	5 minutes	20 minutes	45 minutes

Sanding:	N/A
Film Thickness:	25 – 35 µm dry film per single coat.
Cover Rate:	Approximately 8 – 10 m²/1Kg of unmixed varnish.
Shelf Life:	Minimum 2 years if stored in original package at 25°C.
Packaging:	1 Litre & 5 Litre

Advantages:

- 1- High gloss
- 2- Ultimate durability
- 3- Excellent mechanical properties
- 4- High chemical and weathering resistance

Precautions:

Do not handle until the material safety data sheets have been read and understood. Regulations require that all employees should be trained on material safety data sheets for chemicals used by them. The manufacturer recommends the use of an air-supplied respirator when exposed to vapors or spray mist.

Technical Data Sheet

Fast HARDENER

A75

Description:

EGCO HARDENER EG A75 is an aliphatic isocyanate hardener for all air and forced dry/stoving applications. It is multi purpose hardener to be used in acrylic and clear coat. It is characterized by perfect spraying and flow properties, plus excellent levelling, quick drying, maximum hardness and gloss.

Product & Additives:

EGCO Hardener EG 75

Additives:

Can be use in:

EGCO Clear Coat EG A70

Basic Raw Material:

Aliphatic isocyanate Resins - Additives - Solvents

Technical Information:

Color:

Max. 1 Gardener

Specific Gravity:

0.9±0.1 gm/cm³

Viscosity:

14 ± 1 Ford Cup # 4 at 20°C

Solid Content:

38±1

Suitable Substrates: Recommended to be used with "EGCO Acrylic Paint" and "EGCO Clear Coat".

Surface Preparation: N/A

Mixing Ratio:

	EGCO Acrylic Paint EG A90 EGCO Clear Coat EG A70	EGCO Hardener EG A75	EGCO Acrylic Thinner EG A76
By Volume	100	50	20-30 parts by volume depending on the required viscosity.

Drying Time:

Temperature	Dust Free	Tack Free	Complete Dry
Air Drying 20°C	30 minutes	3 hours	16 hours
Air Drying 60°C	5 minutes	20 minutes	45 minutes

Shelf Life: Minimum one year if stored in original package at 25°C.

Packaging: 1 Litre & 5 Litre

Advantages:

- 1- Provides excellent leveling
- 2- Quick drying
- 3- Maximum hardness and gloss

Precautions:

Do not handle until the material safety data sheets have been read and understood. Regulations require that all employees should be trained on material safety data sheets for chemicals used by them. The manufacturer recommends the use of an air-supplied respirator when exposed to vapors or spray mist.

Technical Data Sheet

SLOW THINNER

EG A76

Description:

EGCO Acrylic Thinner EG A76: Thinners that provides a wide range of applications with 2 k paints, clear coat and base coat system

Product & Additives:

(Fast Thinner)

For spot and panel repairs. It can also be used for complete re spraying of passenger cars provided

The temperature in the spray booth does not exceed 20°C during application

(Slow Thinner)

For treatment of large vehicles within the temperature range of

20°-25°C

(Extra Slow Thinner)

For treatment of large vehicles within the temperature range of

25°-35°C

(Metallic Thinner)

For repair or total spraying of cars with Leader base coat

Usage

EGCO Clear Coat EG A70

EGCO 2K Filler EG A60

EGCO 2K Acrylic paints EG A90

EGCO Metallic Paint EG A100

Basic Raw Material:

Various solvents

Technical Information:

Color:

Max. 1 Gardener

Specific Gravity:

0.9±0.1 gm/cm³

Mixing Ratio:

By volume

Adhere to the mixing ratios specified in the technical data sheets of the above products

Shelf Life:

4 Years if stored in original package at 25°C

Packaging:

1 L and 5L

Precautions:

Do not handle until the material safety data sheets have been read and understood. Regulations require that all employees should be trained on material safety data sheets for chemicals used by them. The manufacturer recommends the use of an air-supplied respirator when exposed to vapors or spray mist.

EGCO WOOD STAINS

EG W44

1- Characteristic properties

EGCO Wood Stains EG W44 are highly concentrated insoluble wood stains. They are specially designed to be over sprayed with unsaturated polyester and polyurethane finishes. Fast drying and good light fastness are distinguished properties of EG W44. Although these products have the most possible light fastness they are not recommended for external applications.

2.2- Other application methods

EG W44 can be applied also by roller and immersion.

3- Colour

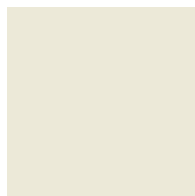
As appearing in our colour card, these colours are produced over a specific type of wood. That is why we recommended that our customers should perform a colour trial before using these stains.

2- Application 2.1- Spray application

Mix with thinner EG W44 in the ratio:
10 thinner : 1 EG W44.
Water can be used instead of thinners at the same ratio but this will give a longer drying time and may cause raising of wood fibers.

Notes:

- The data on the label of the products must be considered.
- Storage and transportation should comply with the local laws.
- The information given in these data sheet is based upon our best knowledge and experience.



Technical Data Sheet
EGCO N.C WOOD SEALER W2

Description:

EGCO Wood Sealer W2 is a high building material used to fill pores in wood substrates. It is mainly used for the preparation of the substrate before varnish application to obtain a fine smooth surface without any influence on natural wood grain.

Product & Additives:

EGCO Wood Sealer W2

Basic Raw Material:

Alkyd Resin - Nitrocellulose solution - Additives

Technical Information:

Color:

Clear

Specific Gravity:

1±0.05 gm/cm³

Viscosity:

110,000 – 140,000 c.p./25°C

Solid Content:

By Weight: 45% (Before Curing)

Suitable Substrates: Suitable for wood surfaces.

Surface Preparation: 1- Surface should be clean and free of dust, grease, and oil.
2- Surface should be sanded using grit sandpaper number 120.

Mixing Ratio: N/A

Pot Life: N/A

Thinning:



Thinned till required viscosity.

Application:



- 1- Apply using a spray gun nozzle 1.5 mm.
- 2- Spraying Pressure: 3-4 bar.
- 3- Spraying Viscosity: 18-20 seconds Din cup # 4 at 77°F (25°C).
- 4- Number of coats: 1 - 3 coats.

Flash Time:




Allow 5-10 minutes between coats.

Drying Time:



At 35-40 µm D.F.T

Drying Time	Surface Dry	Hard Dry
Air Drying 10°C	14 – 16 minutes	2 hours
Air Drying 20°C	7 – 10 minutes	1/2 hour
Air Drying 30°C	4 – 5 minutes	3/4 hour
Air Drying 40°C	2 – 3 minutes	1/2 hour

Sanding:	 Sand it using grit sandpaper number 320 after curing.
Film Thickness:	N/A
Cover Rate:	N/A
Shelf Life:	Minimum 2 years if stored in original package at 77°F (25°C).
Packaging:	1 kg & 4 kg

Advantages:

- 1- Easy sanding
- 2- Excellent filling
- 3- Maximum color stability
- 4- Yellowish resistance

Precautions:

Do not handle until the material safety data sheets have been read and understood. Regulations require that all employees should be trained on material safety data sheets for chemicals used by them. The manufacturer recommends the use of an air-supplied respirator when exposed to vapors or spray mist.

EGCO Polyester Sealer

EG W22

1- Characteristic properties

It is a transparent polyester sealer with excellent filling and sanding properties. It has also good covering power, flow and adhesion on different types of wood.

2- Materials for application

Polyester sealer (EGCO EG W22)
Accelerator

Catalyst

3-Suitable substrate and surface preparation

EGCO EG W22 is designed for application over wood substrate. However, to obtain the best results one may need to apply an insulator before the application of Polyester sealer. In case of application over resinous types of wood like rosewood, teakwood and ,mansonia the use of insulator becomes a MUST. The insulator must be left to dry for 3-4 hours before the application of EG W22.

4- Mixing ratio

EGCO	Accelerator	Catalyst	Thinner
EG W22			
96	2	2	5-15

5- Pot life

1 hour at 20 °C.

6-Spraying process

Apply 2 single coats each of 200-250 g/m². Allow for 1-3 hours for drying between each coat.

7- Spraying conditions

Nozzle diameter: 2.5-3 mm
Spraying pressure: 2.5-3 bar

8- Coverage

4-5 m²/l (for one single coat of product as supplied).

9-Cleaning of equipment

Spraying equipment must be immediately cleaned after use. Thinners used for thinning nitrocellulose paints can be used.

10- Drying times

	At 20 °C
Dust Free	90 Min.
Tack Dry	150 Min.
Hard Dry	24 Hours

11- Packaging

4 liter, 10 liter, 16 liter and 25 liter.

12- Colour

Transparent cloudy liquid

13- Shelf life

6 months at 20 °C

14- Material safety data

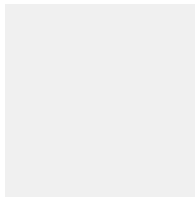
When using these products it is required to comply with the national regulations for health and safety.

15- Flash points and transport classification

Product	Flash point	ADR code	transport
EGCO W22	-18 °C		3

Notes:

- The data on the label of the products must be considered.
- Storage and transportation should comply with the local laws.
- The information given in these data sheet is based upon our best knowledge and experience.



EGCO Polyurethane Sealer

EG W23

1- Characteristic properties

Transparent polyurethane base coat with excellent sandability and covering power. The product is also characterized by its excellent transparency and good adhesion.

2- Materials for application

Polyurethane sealer (EGCO EG W23)
Hardener for Polyurethane sealer
Thinner for Polyurethane.

3-Suitable substrate and surface preparation

Suitable for application on almost any type of wood to obtain highly transparent base coat.

4- Mixing ratio

EG W23	Hardener	Thinner
2	1	Up to 10% if required

5- Pot life

4-5 hours at 20 °C.

6-Spraying process

Spray with a regular spray gun with a nozzle diameter of 2 mm. The spraying pressure should be in the range of 3 bar. The product can also be applied using a brush. Generally a flash off time ranging from 1 to 3 hours should be left between coats.

7- Coverage

For the first coat, a quantity of 100% g/m² is recommended while for the next coats a quantity of 150% g/m² is preferable.

8-Cleaning of equipment

Spraying equipment must be immediately cleaned after use. Thinners used for thinning nitrocellulose paints can be used.

9- Drying times

	At 20 °C
Dust Free	15 - 30 Min.
Tack Free	50 Min.
Hard Dry	3-4 Hours
Can Be Sanded	8 Hours Minimum
Can Be recoated	14 Hours Minimum

10- Packaging

5 liters gallon

11- Colour

Cloudy yellowish liquid

12- Shelf life

12 months at 20 °C

13- Material safety data

When using these products it is required to comply with the national regulations for health and safety.

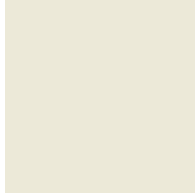
14- Flash points and transport classification

Product	Flash point	ADR transport code
EGCO	22 °C	3
EG W23		

Notes:

- The data on the label of the products must be considered.
- Storage and transportation should comply with the local laws.

- The information given in these data sheet is based upon our best knowledge and experience.



EGCO ALKYD VARNISH EG W5

Description:

EGCO Alkyd Varnish EG W5 is a one component alkyd varnish, which provides high gloss, transparency and hardness. It is easily applied for internal wood purposes.

Products & Additives:

Additives:

EGCO Alkyd Varnish EG W5

Basic Raw Material:

Special Alkyd Resin - Dryers - Special Solvents - Additives

Technical Information:

Color:

Clear Liquid

Specific Gravity:

0.91±0.02gm/cm³

Viscosity:

30-35 sec (Cup # 6 at 25°C)

Solid Content:

By Weight: 54% (Before Curing)

Suitable Substrates: Suitable for all types of wood surfaces.

Surface Preparation:

- Surface should be clean and free of dust, grease, and oil.
- New wood surfaces must be sealed using leader sealer or a suitable sealer. Complete by sanding using grit sandpaper number 320-360 to obtain a smooth surface.
- Old varnish surfaces must be sanded using grit sandpaper number 320-360.

Mixing Ratio: N/A

Pot Life: N/A

Thinning:



Thinned by adding 10-15 % of kerosene, turpentine, or gasoline.

Application:



- Apply using a brush, or a spray gun nozzle 1.5-1.8 mm.
- Spraying Pressure: 3-4 bar.
- Number of coats: 1-3 coats.

Flash Time: N/A

Drying Time:



At 40-50 µm D.F.T

Hard Dry	Surface Dry	Drying Time
8 hours	2-3 hours	Air Drying 15°C
6 hours	1.5 hour	Air Drying 25°C
4 hours	45 minutes	Air Drying 35°C

Sanding: N/A

Film Thickness: 25-30µm dry film per single coat. 25-30

Cover Rate: Approximately 6-8 m²/1Kg of unmixed paint per single coat.

Container Size: N/A

Shelf Life: Minimum 2 years if stored in original package at 25°C.

Packaging: 1 Litre & 3.75 Litre

Advantages:

Provides a perfect high gloss.

Precautions:

Do not handle until the material safety data sheets have been read and understood. Regulations require that all employees should be trained on material safety data sheets for chemicals used by them. The manufacturer recommends the use of an air-supplied respirator when exposed to vapors or spray mist.

EGCO N.C WOOD VARNISH EG W3

Description:

EGCO N.C Wood Varnish EG W3 is a high quality cellulose varnish based on a high quality alkyd resins characterized by high weathering surface resistance.

Product & additives:

EGCO N.C Wood Varnish EG W3

EGCO N.C Thinner

Basic Raw Material:

High quality alkyd resin- N.C –additive-solvent

Technical Information:

Color:

Transparent

Specific Gravity:

1±0.1 gm/cm³

Viscosity:

2000-3000 c.p./25°C

Solid Content:

By Weight: 40 ± 2% (Before Curing)

Suitable Substrates: Suitable for wood, furniture, and metallic products.

Surface Preparation:



- 1- Surface should be clean and free of dust, grease, and oil.
- 2- Surface should be sanded using grit sandpaper number 1000.
- 3- New wood surfaces must be sealed using N c sealer or a suitable polyester sealer. Complete sanding by using grit sand paper number 320 to obtain the surface.
- 4- Old Varnish surfaces must be sanded using grit sand paper number 1000.
- 5- Bare steel surfaces must be painted by N.C primer.

Mixing Ratio:



varnish	Thinner
100	50

By volume

Pot Life:

N/A

Thinning:





- 1- Thinned by adding 50 % of a high quality thinner.
- 2- Thinned till required viscosity.

Application:



- 1- Apply using a brush or a spray gun nozzle: 1.2-1.4 mm.
- 2- Spraying Pressure: 3-4 bar.
- 3- Spraying Viscosity: 15-18 seconds Ford Cup # 4 at 25°C.
- 4- Number of coats: 2 coats.

Flash Time:  Allow 3-4 minutes between coats.

Drying Time: 

At 50-60 µm D.F.T

Drying Time	Flash-off Time	Surface Dry	Hard Dry
Air Drying 25°C	3-4 minutes	15 minutes	30 minutes

Sanding: N/A

Film Thickness: 15-20 µm dry film per single coat.

Cover Rate: Approximately 10-12 m²/1Kg of unmixed paint.

Shelf Life: Minimum 2 years if stored in original package at 25°C.

Packaging: 1 kg & 5 kg

Advantages:

- 1- High gloss
- 2- Maximum hardness
- 3- Excellent weathering resistance

Precautions:

Do not handle until the material safety data sheets have been read and understood. Regulations require that all employees should be trained on material safety data sheets for chemicals used by them. The manufacturer recommends the use of an air-supplied respirator when exposed to vapors or spray mist.

Egco Magico 800

Description

Egco Magico 800 is a matt finish based on a modified acrylic emulsion with good hiding and whiteness for interior surfaces.

Technical Data

Viscosity	40-50 Sec Cup 8
Solid content	65±2%
Density	1.65±0.02gm/cm ³
Gloss	Matt
Coverage	6-9 m ² /kg (Dry film thickness 45-50 µ)

Product Features

- Alkali resistant;
- Easy to apply;
- Good leveling;
- Good whiteness;
- Good hiding power;

Substrates and surface preparation

Egco Magico 800 is recommended for application over bricks, plaster, concrete or cement surfaces.

All new or already painted surfaces should be free from dust, grease and waxes.

Application

New Surfaces

1. Apply Egco Sealer 851 in one coat;
2. Apply Egco Putty 850 in two cross layers;
3. Apply Egco Magico 800 in two coats after dilution with water (20 % dilution) to reach the application viscosity.

Old painted surface with oil or alkyd paints

1. Sand and remove dust;
2. Apply Egylac 2010 in one coat;
3. Apply Egco Magico 800 in two coats after dilution with water (15 % dilution) to reach the application viscosity.

Decorative Paints

Old painted surface with emulsion paints

1. Washing with water & liquid soap;
2. Rinse with water;
3. Apply Egco Sealer 851 in one coat;
4. Apply Egco Magico 800 as a top coat in two coats after dilution with water (20 % dilution) to reach the suitable application viscosity.

Drying time at 25 °C & 60% R.H

Initial drying time 1h

Recoating time 4h

Final drying time 6h

Tools

Brush, roller or airless spray gun

Cleaner: water

Color

White and can be colored

Expiry

Two years from production date if stored in original sealed container at normal temperature.

Storage

Keep away from direct sun light.

EGY LAC Gloss

Description

EGY LAC Gloss is a fast air drying gloss enamel suitable for all applications over metal, wood and walls.

Technical Data

Viscosity	25-45 sec / ford cup 8
Solid content	57-69 %
Density	0.93-1.20 gm/cm ³
Coverage	10 – 12 m ² / kg (Dry film thickness 40-50 μ)

Substrates and surface preparation

EGY LAC Gloss is recommended for application over wood, metal and walls after proper priming. All new or already painted surfaces should be free from dust, grease and waxes.

Application

Apply EGY LAC Gloss after dilution with white spirit from (10%-30%) to reach the suitable application viscosity.

Drying time at 25 °C & 60% R.H

Initial drying time 3-4h

Recoating time 24h

Final drying time 24h

Tools

Spray gun, brush or roller

Cleaner: white spirit

Color

White and colored according to Egco color guide

Expiry

Three years from production date if stored in original sealed container at normal temperature.

Storage

Keep away from direct sun light.

EGY LAC MATT

Description

EGY LAC MATT is a fast air drying matt enamel suitable for all applications over metal, wood and walls.

Technical Data

Viscosity	23-25 sec / ford cup 8
Solid content	70-77 %
Density	1.40-1.55 gm/cm ³
Gloss	Matt
Coverage	6-8 m ² /kg (Dry film thickness 50-60 μ)

Substrates and surface preparation

EGY LAC MATT is recommended for application over wood, metal and walls after proper priming. All new or already painted surfaces should be free from dust, grease and waxes.

Application

Apply EGY LAC MATT after dilution with white spirit from (10%-30%) to reach the suitable application viscosity.

Drying time at 25 °C & 60% R.H

Initial drying time 2-3h

Recoating time 8h

Final drying time 16h

Tools

Spray gun, brush or roller

Cleaner: white spirit

Color

White and colored according to Egco color guide

Expiry

Three years from production date if stored in original sealed container at normal temperature.

Storage

Keep away from direct sun light.