

# 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/cm<sup>3</sup>

#### 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
<b>By Volume</b>	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

<b>Drying Time</b>	<b>Flash – off Time</b>	<b>Surface Dry</b>	<b>Hard Dry</b>
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 m<sup>2</sup>/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.