

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 m ² /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.