

**SPECIFICATION FOR
TOP COATING PAINT**

AMENDMENT SHEET

ALT No.	AUTHORITY	DESCRIPTION	SIGNATURE	DATE

SEE/SEE
31-10-97
SEE/TMD-III

38
CHKD.

DNH.

<p>Specification for Top Coating Paint for 3-Phase Traction Motor Type - 6FRA- 6068/6FXA-7059</p>	<p><i>Bar</i> BY CEE/TMD</p>	<p>CHITTARANJAN LOCOMOTIVE WORKS WEST BENGAL NO. 4TMS.096.020 DATE : 5.10.97</p>
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Specification for "Top Coating" Paint.

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1.0. Scope.

1.1 This Specification covers supply of "Top Coating" paint to be used for 3-Phase Traction Motor Type 6FRA-6068.

2.0. Technical Specification.

2.1 The material shall be polyurethane enamel based on acrylic resin for flat and structured surfaces with good general chemical resistance.

The product shall have a short drying time and excellent direct adhesion on a wide variety of metallic, mineral and plastic substrates.

2.2 Colour - Light Gray

2.3 Properties.

Sl. No.	Description	Values:
1	viscosity at delivery	Pasty
2	Pot-Life (20°C)	8 hours.
3	Minimum temperature for application and drying	+5°C
4	Maximum humidity during application and drying	80% rel. hum.
5	Dry content (mixture)	approx. 69%
6	Density 20°C (mixture)	approx. 1.2 kg/L
7	Consumption at a dry film thickness of 40 microns	85 g
8	Drying conditions for 40 microns at 20°C	
	- dust free after	20 minutes
	- touch dry after	3 hours
	- stakable after	6 hours
	- Accelerated drying at 80°C	30 minutes
9	storability in sealed unopened containers (20°C)	12 months
10	Flash Point (mixture)	> 23°C
11	Temperature resistance	short time Permanent 150°C -150°C

Specification for "TOP Coating" Paint for 3-Phase Traction Motor Type 6FRA 6068.

DY. G.E.E. (T.M.D.)

CHITTARANJAN LOCOMOTIVE WORKS
WEST BENGAL, INDIA.

NO. TMS. 096.020

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3.0. Packing - The Packing shall be metal Container, of 20 Kg, Coated with non-reactive (with varnish) Coating and Secured with Sealing. The Packing shall be Labelled with the following information:-

- i) Name of Paint.
- ii) Maker's Name
- iii) Batch No. & Date of manufacture.
- iv) Shelf life.
- v) Gross and Net Weight.

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Specification for "Top Coating"
Paint for 3-Phase Traction
Motor type - 6FRA-6068.

BY. C.E.E. (T.M.D.)

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WEST BENGAL, INDIA.

NO. 4.TMS. 096 020

DATE - 5.10.97