

WHITE MARK

GRIL



SAFETY THREAD ON ROAD

COMPANY

G R Infraprojects Ltd (GRIL) is a Public Limited Company engaged in the business of Roads & Highway Development, Airport Construction, Housing, Water & Sewerage Construction & PMB/Emulsion Manufacturing. Over the years Quality has become synonymous with G R Infraprojects Ltd (GRIL)



PLANT MACHINERY

As a part of vertical expansion, the company has installed Thermoplastic Road Marking unit at Udaipur (Rajasthan) under the brand name of White Mark to fulfill its captive requirement & to cater the industry requirement of road marking application. The Company has its plant at E-270-271, Bhamashah Industrial Area, Kaladwas Girwa, Udaipur-313001. The Company is also engaged in manufacturing unit of road signage and other allied activities.

G R Infraprojects Ltd (GRIL) with its long business experience of executing roads projects/infrastructure, deep understanding of road marking requirement coupled by continuous research to develop effective formulation has given rise to trustworthy road marking brand in the name of White Mark. The Company has installed well equipped machinery for manufacturing of thermoplastic road marking materials of high quality. The high quality gives a long lasting life for markings on the road surfaces which benefit the road users to a great extent thereby emphasizing its concern of vehicular & human safety.

White Mark Thermoplastic greatly improves night visibility, thus becoming the right and only answer for all problems of non visibility of markings during wet & rainy conditions.



QUALITY

White Mark Thermoplastic is manufactured under very stringent quality control measures using high quality imported raw materials.

The Company has established a dedicated full-fledged laboratory with state-of-the-art machinery. The lab is used for testing quality of both the raw materials and the finished products. The Company employs skilled workers at the plant site to ensure that all the raw materials fed in to the mixing unit are without any impurities and visible contamination. If any impurities are found they are removed fully before feeding into the Mixing plant. Once the final product is produced from the mixing plant, a half-a-kg of material in each and every batch of manufacturing is taken for testing the final quality of the powder produced. The final powder product is checked by the Quality Control Testing staff to ensure that the Thermoplastic Road Marking Powder is conforming to the Specification MoRTH 803.4 thus the company adheres strictly to the quality control procedure and ensures highest quality to the customers.

TECHNICAL DATA

Colour	White and Golden yellow
Composition	
Binder	Min. 18%
Glass beads (Intermix)	Min. 30%
Tio2 (for white)	Min. 10%
Fillers (for white)	Max. 42%
Softening Point	102.5 ± 9.5°C
Glass beads (Intermix)	Type I MORT & H / B56088A
Yellowness Index (For White)	Not more than 0.12
Drying time	15 minutes Max.
Daylight Luminance @ 45°	
White	Min. 65%
Yellow	Min. 45%
Flow resistance	Not more than 25%
Gradation Requirement for Glass Beads(Type - I)	Conforms to Table - 800-10 Section 803.4.2.3

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Plant: E-270-271, Bhamashah Industrial Area, Kaladwas Girwa, Udaipur-313001(Rajasthan)
Tel: 0294-2650660 Mobile: 90018-97408 E-mail: grilemulsion@grinfra.com

Head Office: G R House, Hiran Magri, Sector 11, Udaipur-313002(Rajasthan)
Tel: 0294-2487170, Fax: 0294-2487749 E-mail: info@grinfra.com

Corporate Office: Plot No.11, First Floor, LSC, Sector B-1, Vasant Kunj, New Delhi-110070
Tel: 011-40111200 Fax: 011-41815016 E-mail: delhi@grinfra.com