

PRODUCT DESCRIPTION

Retro - reflective Thermoplastic Road Marking Material Conforming to BS 3262 : Part 1/ 1989

FEATURES AND RECOMMENDED USE

- Retro-reflective thermoplastic road marking material with excellent whiteness
- Conforms to the British Standards (BS) specifications, 3262 : Part 1/ 1989
- Designed for tropical Indian conditions
- Based on aliphatic chemistry, offers superior weathering resistance and colour stability
- Intermix glass beads offers long lasting retro - reflectivity
- Optimal balance between melt flow and flow resistance to achieve well defined lines as per the desired width and thickness
- Excellent wear resistance and adhesion on asphalt roads
- Suitable for application with manual, screed/ extrusion automatic machines

TECHNICAL DATA

Colour	White & Golden Yellow
Composition	
Binder	Min. 18%
Glass beads (Intermix)	Min. 20%
Aggregates including glass beads, pigment & extender	80 ± 2%
Softening Point	Greater than 65°C
Glass Bead (Intermix)	6088A
Yellowness Index (For White)	Not more than 0.12
Drying time	Max. 15 minutes
Daylight Luminance @ 45°	
White	Min. 70%
Yellow	Min. 50%
Flow resistance	Not more than 25%

DIRECTIONS FOR USE

- Heat the material to 180 - 200°C in the pre - heater with adequate agitation till the material becomes a homogenized liquid
- Ensure that the road surface is clean, free from dust and moisture
- Heavy deposits of paint require removal
- For aged asphalt roads and concrete roads application of Apcogrip, a primer coat is recommended for proper bonding of the material with the road surface
- Ensure that the primer is thoroughly dry and void of solvent prior to application of the thermoplastic material
- Ensure temperature of 180 - 200°C and adequate agitation during application
- Do not hold thermoplastic above 180°C for more than 6 hours
- Do not heat the material above 220°C at any point of time.
- Change in colour indicates that the material has been scorched owing to overheating and needs to be discarded
- Drop - on glass beads must be immediately deposited after thermoplastic application

STORAGE & PACKING

Storage: A minimum shelf life of 12 months when stored in a cool, dry and covered place

Packing: 25 Kg

SAFETY INFORMATION

- Minimise dusting of the material during use
- Use of personal protective equipment's like facemask, goggle, heat resistant gloves, safety shoes and protective clothing while handling the material is recommended
- Do not inhale product or fumes, do not ingest
- Avoid eye contact, if contacted, wash copiously with water
- Contact of molten product with skin would lead to thermal burns, flush with cold water, do not remove material as it would lead to severe tissue damage
- Please refer our Material Safety Data Sheet prior to using the product

Disclaimer: To the best of our knowledge the information provided herein are true and accurate at the date of issuance. Since we have no control over the quality or condition of the substrate or the various factors affecting the use and application of the product, we do not accept any responsibility or liability arising out of use of the product. The company reserves the right to modify data contained herein without prior notice. Any change in data would normally be followed by issue of a new data-sheet. The user should check with the nearest sales office of the company and confirm the validity of the information, prior to using the product.

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