



Specifications

Introduction

REFLOMAX GLODIANTM CG-5000 is PET +Acrylic Engineer Grade sheeting is an enclosed beaded retroreflective sheeting intended for using on signing applications requiring durability of up to 5 years, mainly for temporary warning signage. REFLOMAX GLODIANTM CG-5000 could be applied in cold temperature area. REFLOMAX GLODIANTM CG-5000 is a better choice if the application temperature is good enough.

Front Material

Acrylic + PET

Application | Processing

The sheeting should be applied onto a smooth, clean and dry surface at the temperature ranging from 10°C (50°F) to 38°C (100°F). The materials should be applied pursuant to the Application Instruction.

Product Construction

REFLOMAX GLODIANTM CG-5000 design for economical use and intended to use for sign lettering applications requiring durability up to 1-3 years. The series are mainly used for advertising graphic, promotional signs or personality decoration.

Release liner

130 gram Poly coated paper liner (white or yellow) Application Surface: Flat surface only such as aluminum

Adhesive

30 Micrometer permanent pressure sensitive adhesive

Table 1 Minimum Coefficient of Retroreflection

| Observation Angle | Entrance Angle | White |
|-------------------|----------------|-------|
| 0.20° | -4° | 50 |

Application Instruction

Processing instructions for REFLOMAX GLODIANTM CG-5000

The data herein are based upon our knowledge, experience and application tests. Its purpose is to provide the practitioners with suggestions and technical support. REFLOMAX GLODIANTM CG-5000 is a product from Glass beads. Retro-Reflective Material. GLODIANTM CG-5000 is available in wide variety of colors to suit the various needs from various types of customers. It makes the objects with GLODIANTM CG-5000 highly visible in daytime, nighttime, foul weather and even in wet condition and as a result enhances the safety of drivers in the road. REFLOMAX GLODIANTM CG-5000 is supple, conformable and can be easily applied to the winding substrate such as Traffic Cones and Lane Dividers (Delineator Post). It is also very durable .

Size & Package

- **Roll Size** 1,240cm x 45.7m (48" x 50yd)
- **Packing Size** 1,310mm x 240mm x 260mm (51.6" x 9.4" x 10.2")
- **Net Weight** 22.1kg (48.7 lb) per roll
- **Gross Weight** 25.5kg (55.6 lb) per roll

Storage and Transportation

- Reflective Sheeting must be used within 1 year after the date of received.
- Please use PET inner film to tightly packed partially used Rolls, then return it back to the shipping carton. Vertically placed it can avoid distortion due to substrate buckling or extension due to moisture absorption, and avoid pressure that may damage the reflective layer.
- Store the sheeting in a clean, dry area at 20°C(68°F) and 50% relative humidity and away from direct sunlight.



Important

Durability

The durability of REFLOMAX GLODIAN™ CG-5000 series and complete product using them will depend upon substrate selection and preparation, compliance with recommended application procedures, geographic area, exposure conditions, and maintenance. Maximum durability of REFLOMAX GLODIAN™ CG-5000 series can be guaranteed in case of only applications subject to vertical exposure on stationary objects when processed and applied to well-made aluminum pursuant to REFLOMAX's recommendations. Periodic sign inspection and regular sign replacement are strongly recommended that sign owners ensures their own effective service life and any durability warranty, if provided.

Substrate

The user must determine the suitability of any nonmetallic sign backing for its intended use. Applications to unprimed, excessively rough or non-weather resistant surfaces may shorten their performances.

Exposure

Exposure to severe or unusual conditions may deteriorate the performance. Signs in mountainous areas where are covered by snow for a long time may also cause reduced durability. Atmospheric conditions in specific geographic areas may bring about the reduced durability.

Splice

There could be one splice per roll and additional meter will be provided in case of roll with splice.

Warranty

No warranty is given for the purposes other than those listed in the Specifications Sheet or which are not worked subject to REFLOMAX's processing and handling instructions. The durability of the signs will depend upon many factors, including but not limited to substrate selection and preparation, compliance with recommended application guidelines, geographic area, exposure conditions and maintenance of the product and finished sign. Sign failures caused by the substrate or improper surface preparations are not taken the responsibility by REFLOMAX. Please see the full warranty instrument available at www.reflomax.com for further information.

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