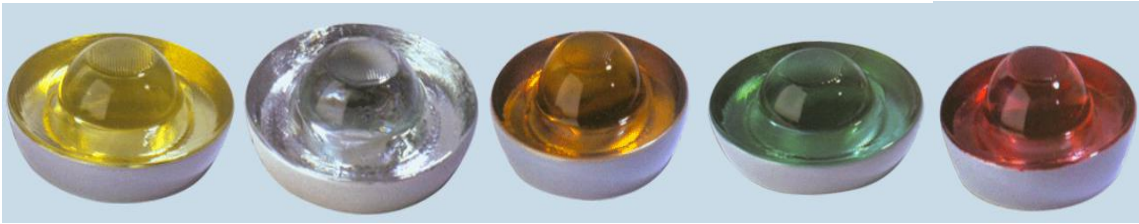




GLASS ROAD STUD (ROAD MARKERS, GLASS CAT EYE)

Technical Data Sheet (TDS)



1 Reflectorized Glass Ball

1.1 Compressive strength

White reflectorized glass shall support a minimum load of 25,000Kgs. It should be made from Tempered Glass or toughened glass which is melted in one piece without joint connection.

1.2 Dimension

Reflectorized Glass Ball should be half sphere, dimension show in this table

Item	Dimension	Millimeter (+-3mm)
1	Diameter at surface level	100
2	Wide at half sphere	60
3	Wide at glass ball base	80
4	Height over surface base	19
5	Thickness under surface level	27

1.3 Glass ball must be high quality clear color, no bubbles, no spot or stained It can reflect all direction (360 degree). Bottoms and side surface of the glass ball should be coated with aluminum or titanium. Surface must be resistant to friction and not adhesive with small particle size of dust, carbon, powder and be self-cleaning with rain or tire abrasion.

1.4 Retroreflectivity must have a minimum value when test according to ASTM D 4280

Angle of Measurement (Degree)	Angle of Incident (Degree)	Retroreflectivity (MCD/Lux/M2)
0.2	-20	>112
0.2	-60	>112
0.2	+20	>112
0.2	+60	>112
0.2	+180	>112

2 Other specification

2.1 Color: White \Green \Blue\Amber\Yellow\Red

2.2 Product Weight: 520g

2.3 Hardness: 170±5

2.4 Weathering Resistance Properties: More than 16280h

INSTALLATION OF GLASS ROAD STUDS

