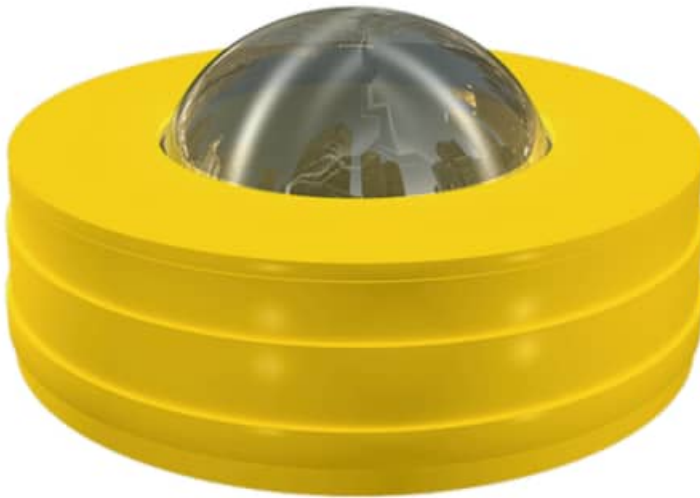


GLASS ROAD STUD

Code: BA-101

WHAT'S A ROAD STUD?



Horizontal signage device used on highways and public roads to indicate direction of traffic, mark dangerous or restricted zones and help motorists to maintain their correct lanes in works, temporary detours, bike ways, and others.

In general, glass road studs are an important tool that help motorists to navigate through highways in the most safe and efficient way.

FEATURES

- Basic and affordable road stud with non-deformable body, resistant to friction and abrasion.
- High resistance to shocks and impacts with great visibility during day and night due color and size.
- Adaptable to any pavement type.
- Manufactured in yellow ABS with silicon glass sphere.
- Sphere is colorless and transparent with metal background that reflect 360° and can be seen from any angle.
- Tempered sphere guarantees safety, breaking in small and harmless parts if damaged.
- Easy to install, device to embed on concrete.



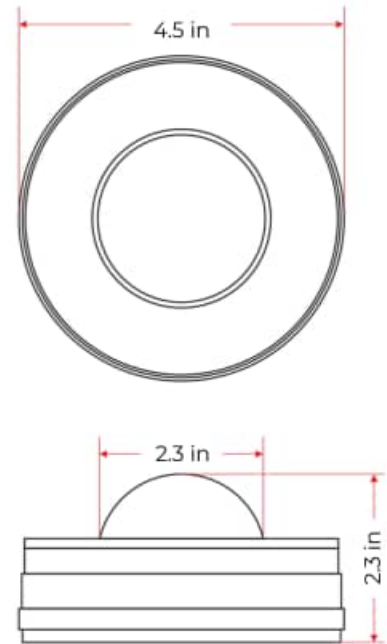
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MEASUREMENTS

Dimensions and other measures are nominal and may vary by +/- 2%.

Body manufactured in	<ul style="list-style-type: none"> Yellow ABS
Sphere	<ul style="list-style-type: none"> Silicon glass with thermal type tempered
Color of presentation	<ul style="list-style-type: none"> Natural
General Measures	<ul style="list-style-type: none"> Diameter 4.5 in Height: 2.3 in
Density	<ul style="list-style-type: none"> 2500 kg /m³ (156 lb/ft³)
Softening Point	<ul style="list-style-type: none"> 730 °C aprox. (1346 °F)
Thermal Conductivity	<ul style="list-style-type: none"> 1.05 W/mK
Hardness	<ul style="list-style-type: none"> 6 or 7 to Mohs Scale
Poisson Number	<ul style="list-style-type: none"> Variate between 0.22 and 0.23
Compressive Strength	<ul style="list-style-type: none"> Greater than 10,000 kg/cm² (142233 lb/in²)

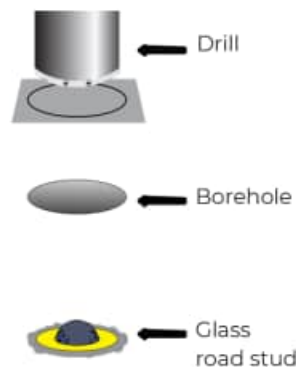


Working Modulus	<ul style="list-style-type: none"> 500 kg/cm² (7111 lb/in²)
Modulus of Rupture	<ul style="list-style-type: none"> 850 kg/cm² (12089 lb/in²)
Tensile Strength	<ul style="list-style-type: none"> 300 and 700 k/cm²

ANCHORING



1. First, prepare the surface, this must be clean.
 2. Mark the place of each road stud.
 3. With a hole saw, create the boreholes of Ø4½" with 1½" depth and leave them clean.
 4. Apply epoxy glue into the hole, put the road stud and pressure on it to level with the asphalt (it doesn't matter if you spill the glue, this helps to better anchor the road stud).
- DONE!



How to prepare epoxy resin:

1. Compound equal amounts of "a" + "b" substances.
2. Stir until a homogeneous mixture is obtained.
3. Once you are done, dispose of the epoxy resin residuals (it is for single-use only).