

S2000-C ROAD STUD

Code: S-2000-C

True leaders do not follow
...they lead the way

WHAT IS THE S2000-C ROAD STUD?

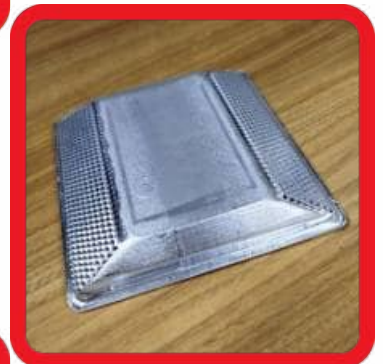
This road stud is far more than a simple pavement light—it is a vital component of road safety. Robust, dependable, and highly visible, it performs exceptionally across all environments, from highways to urban areas.

Designed with premium materials and a contemporary aesthetic, it delivers consistent performance even under extreme weather conditions. Its compact, sleek profile integrates seamlessly with the pavement while remaining highly visible, ensuring drivers can spot it clearly, both day and night.



Features

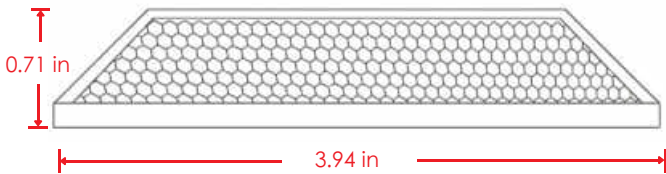
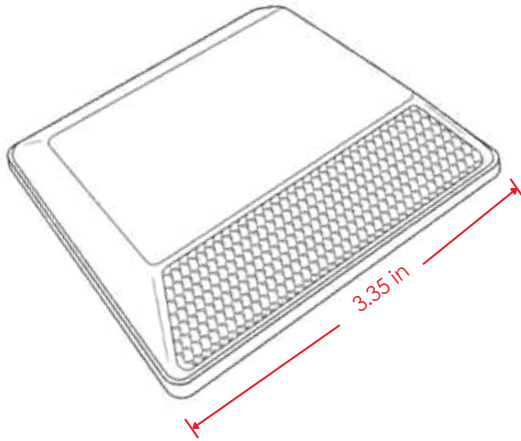
- Modern, functional design: Visually stands out on the pavement, providing better guidance for drivers.
- High-impact reflectors: Made from prismatic methyl methacrylate, offering excellent nighttime visibility due to high retroreflectivity.
- One-piece body: No sharp edges, safer and easier to handle.
- High durability: Withstands impacts, friction, deformation, and extreme weather conditions without losing functionality.
- Traffic versatility: Ideal for highways, streets, avenues, and construction zones.
- Easy installation: Shape and size allow for quick and secure placement.



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Dimensions and other measurements are nominal and may vary by $\pm 2\%$



Technical specifications

Material:	Polycarbonate		
Approx. total weight:	2.75 oz		
Overall dimensions:	Length: 3.94 in, Width: 3.94 in, Height: 0.71 in		
Color:	White and red		
Base inclination angle:	31°		
Body material:	Acrylic		
Reflector material:	High-impact methyl methacrylate		
Reflective surface per side:	3.10 in ²		
Number of sides:	1-2 (max.)		
Effective contact surface:	15.50 in ²		
Deformation resistance:	71,100 psi with 0.08 in deformation		
Specific weight:	0.038 lb/in ³		
Softening temperature:	212 °F		
Modulus of elasticity:	406,000 psi		
Dielectric strength:	560 V/mil		
Penetration hardness:	Rockwell M: 115		
Compression resistance (10-ton load):	None		
25-ton. load:	Max. 2-edge fractures		
Tensile strength:	4,835 psi minimum		
Elongation:	11.0 mm maximum		
Shore "A" hardness:	Minimum 75 points		
Dimensional change %:	0%		
Impact resistance:	217 ft-lb		
Retroreflectivity: 590 ft between vehicle and reflector, 82 ft between vehicle and reflector	$\beta_h = 0^\circ$ to $1.5^\circ \rightarrow \beta_h = 3.5^\circ$		
Reflection (mcd/lux):	New	After six months	%
590 ft between vehicle and reflector	109	73	67
82 ft between vehicle and reflector	37	22	60
Abrasion resistance:	Max. loss: 15%		