



REFLECTIVE ROAD STUD

Beyond Reflection. Uncompromising Safety.

PRODUCT DETAIL



Features & Benefits

Brief Introduction

A reflective road stud, also known as a cat's eyes reflective road stud or a raised pavement marker, is a device that is installed on the road surface to provide clear, durable, and highly visible lane markings and guidance, especially in low-light or adverse weather conditions.

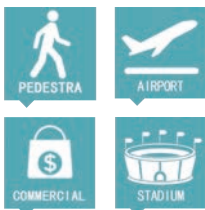
At Skyhall, we provide two main types of reflective road studs for different scenarios. One is the passive stud with plastic or glass reflective beads embedded in plastic panels, simply reflecting headlights. The other is the active stud, containing LEDs powered by solar panels and batteries, making them even more visible and capable of flashing in specific patterns. Customers can make a free selection according to their practical needs.

All our reflective road studs are made of aluminium alloy, single cast with an integral shaft. It offers a lightweight yet durable solution, providing corrosion resistance and stability for long-lasting and reliable road safety installations.

Protection Level



Applications



Functionalities



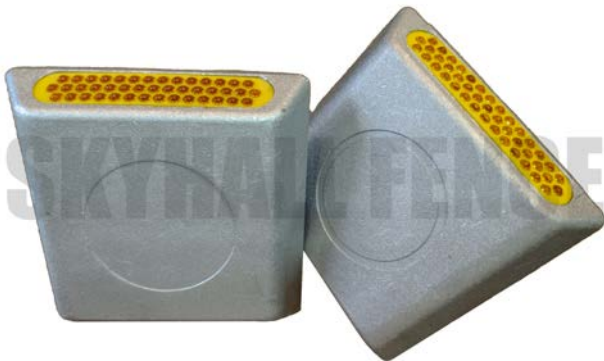
REFLECTIVE SHEETS

Reflective sheets significantly enhance safety and visibility by efficiently reflecting light or flashing constantly with the support of solar power. This makes them indispensable for road signage, markings, and applications requiring clear guidance in low-light conditions.



DURABLE HOUSING

By utilizing a lightweight and corrosion-resistant aluminum housing, reflective road studs achieve exceptional durability and stability, guaranteeing reliable performance and a longer lifespan in demanding road conditions.



COLOR CODING

They're available in various standard colors, like white, red, amber, yellow, green, and blue to convey specific messages to drivers. For example, green studs mark the edge of the main carriageway at lay-bys and slip roads.



WATERPROOF DESIGN

These sealed units are impervious to water, dirt, ice, and extreme temperatures, with an IP68 waterproof rating ensuring the internal optics remain clean and fully functional.

VARIETY OF TYPES

Two types of reflective road studs are available, passive studs and Solar-powered LED studs. The former type relies solely on reflection. The latter one contains a small solar panel, battery, and LED light. They can provide constant or flashing illumination without an external power source.

GRIT-BACKED REFLECTIVE ROAD STUD	
SIZE	100MM * 100MM * 20 MM
BODY MATERIAL	DIE CAST ALUMINIUM ALLOY
SHANK LENGTH	30 MM
REFLECTIVE PANELS	HIGH-PRECISION REFLECTIVE MOLD
COLORS	WHITE, GREEN, RED, YELLOW, BLUE
BACK TYPE	GRITTED BACK
COMPRESSIVE STRENGTH	10 TON
TYPE OF BONDING	BY MEANS OF BITUMEN GROUTING COMPOUND

CUSTOMIZED specifications acceptable.



SOLAR ROAD STUD	
SIZE	120MM * 102MM*25MM, 125MM*108MM*30MM
MATERIAL	DIE CAST ALUMINIUM ALLOY+PLASTIC PANEL
SOLAR PANEL	2V/100MA MONOCRYSTALLINE SILICON
BATTERY	NI-MH1.2V 600MAH , LITHIUM 3.2V 1000MAH
PROTECTION CLASS	WATERPROOF IP68
LIGHT SOURCE	4PCS OR 6PCS ULTRA BRIGHT LED CHIPS
FLASHING MODE	CONSTANT, FLASHING
WORKING MODE	CHARGING AT DAYTIME AND WORKING AUTOMATICALLY AT NIGHT
LIGHT COLOR	WHITE, GREEN, RED, YELLOW, BLUE
COMPRESSIVE STRENGTH	20 TON
FULL CHARGING TIME	8 HOURS UNDER STANDARD SUNLIGHT
INSTALLATION	TWO COMPONENT EPOXY ADHESIVE



CUSTOMIZED specifications acceptable.

CAST ALUMINIUM REFLECTIVE ROAD STUD	
SIZE	100MM * 100MM * 20 MM
BODY MATERIAL	DIE CAST ALUMINIUM ALLOY
SHANK LENGTH	50 MM
REFLECTIVE PANELS	43 SPECIAL PLASTIC OR GLASS REFLECTIVE BEADS EMBEDDED IN PLASTIC
COLORS	WHITE, GREEN, RED, YELLOW, BLUE
BACK TYPE	SOLID, HOLLOWED
COMPRESSIVE STRENGTH	30 TON FOR SOLID BACK TYPE, 16 TON FOR HOLLOWED BACK TYPE
TYPE OF BONDING	BY MEANS OF BITUMEN GROUTING COMPOUND



CUSTOMIZED specifications acceptable.

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