

Making
roadways safer
through innovation



3M™ Marker Series 590 Depressible Reflecting Road Stud

Proven technology - permanent application

Microprismatic reflective sheeting has already proven itself as technology that improves road safety and helps drivers navigate roads more safely.

Significantly brighter than glass reflectors

Testing shows that in actual use, 3M Marker Series 590 depressible road studs reflect 7 times more light back to the driver than the requirement for a glass beaded road stud in a straight on geometry.

It's a significant improvement that could easily save lives, especially in conditions of poor visibility such as fog and heavy rain.

All the strength and durability of a metal base housing

The 3M Marker Series 590 has been designed to slot neatly into any of the UK approved metal bases currently in use. So it's easy to replace a worn or missing glass beaded depressible stud with a new, more reflective one.

The reflective elements are covered with a self-healing protective polyurethane resin coating, which sets up a tough barrier against scratches, abrasions and spray from the road.

Easy to see, easy to install

The 3M marker series 590 is classified as P3B and is the only depressible road stud which meets the reflectivity requirements of Type 3 road studs. Yet it's as easy to install as the old-style glass beaded studs. So there is no extra tooling or training required. It's easy for applicators to go out with the old and in with the new.



Superior reflective performance in every situ

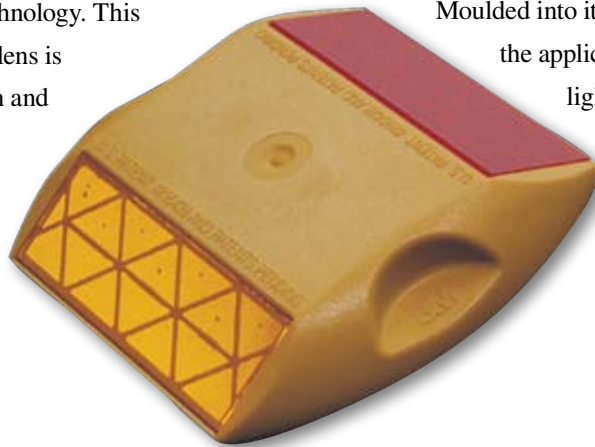
3M™ Marker Series 290 Reflecting Road Stud

Superior design

Designed for application on all asphalt and concrete type road surfaces, these markers provide highly effective, long-life visibility - at night and particularly in wet weather.

Available in white, amber, red and green, series 290 studs feature a tough polycarbonate lens with microprismatic optical technology. This improved ceramer-coated lens is highly resistant to abrasion and cracking.

The 290 road stud yields greater durability, increased brightness and high-retained retroreflectivity.



Long-lasting performance

The inner-ribbed contour of the stud is shaped to dissipate tyre impact, increase strength, reduce damage and holds up longer on today's heavily trafficked roads and motorways.

Easy application

Moulded into its superior body design, finger grips aid the application process. The Series 290 stud is lightweight and is applied with hot melt bitumen adhesive.

301/290 3M™ Marker Series Road Stud

The Embedded 301 Inset Reflecting Road Stud

The Series 290 stud is also available in a 301 metal housing base. It offers high value night-time reflectivity combined with long life performance.

RoadCraft Safety Products Ltd and Fleming & Company are the principal UK distributors of 3M road studs and have been in partnership for many years.

RoadCraft Safety Products Ltd and Fleming & Company have taken the highly successful 3M 290 surface applied road stud and combined it with their robust 301 base. This creates an innovative road stud that will give many years of high performance even on roads with exceptionally heavy traffic.

Benefits

- Installed using traditional vertical milling equipment
- Supplied complete – reflector already fitted
- Durable – robust construction and intelligent design for long life
- Reflectors protected with cast iron guide rails
- Easy installation



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