# Spelsberg's GEOS enclosure helps make tough decisions

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**While it's always best practice try to position your electrical enclosures and distribution boxes under cover and away from high traffic areas, this isn't always possible. For electrical installations that are going to be exposed to the elements and risk impact from passing site traffic, electrical engineers need the very toughest housing. The Spelsberg GEOS has been design from ground up to tough, flexible and safe in even the harshest of environments.**

At it's core, the GEOS range is produced from high-grade polycarbonate which is resistant to many corrosive chemicals, as well as providing protection from damaging UV rays and the effects of extreme temperature. The resultant IK09 high impact strength and IP67 ingress protection makes the GEOS one of the toughest enclosures on the market.

But that's on the beginning of the story.

Chris Lloyd, Managing Director of Spelsberg UK, explains: *"At first glance, the GEOS might look like many of the other enclosures for Spelsberg's vast range. But when you look a little closer you can see that every detail has been redesigned to offer the very best performance in the harshest of environments. We've included a functional, tool-free installation system, multiple internal and external mounting options and even a quick release closure system for the lids."*

One of the most beneficial features for those of us familiar with the British weather is the 'Drain Protect' sealing principle that was developed for GEOS. Any moisture

that comes into contact with the enclosure is discharged by the widely overlapping cover and a drainage channel that is designed into the bottom of the enclosure at the rear of the box. The GEOS then doubles down with a elastomer seal to provide optimum protection from the worst of the weather.

Aside from the tough design, all of Spelsberg's trademark usability can be found. Installers can choose between three sixes of enclosure – each available in different depths. The lids can be screwed on or hinged and are available as a transparent option if desired. In total there are 44 standard variations in the range, before you start speaking to Spelsberg's engineering experts about the internal mounting plates and complete in-house customisation, lid printing and assembly services.

Spelsberg UK maintains the largest UK stock of non-metallic electrical enclosures from its headquarters in Telford. The central location means it can offer next day deliver on the majority of standard orders. Having invested in its own tooling and in-house assembly lines, it also boasts the best lead times on specialist orders or customisation requests.

**Image captions:**

**Image 1:** High-quality materials and a novel design make the GEOS range a universally applicable and durable housing for interior and exterior areas.

**Image 2: -** Spelsberg GEOS range is designed to be robust, flexible and safe even in the harshest environments.

**About Spelsberg**

Spelsberg is one of the largest manufacturers of electrical enclosures in the world. With over 4,000 enclosures available as standard and further customisation possible, it offers solutions for almost any application.

With the largest supply of non-metallic enclosures, ex-stock in the UK, its products are often available for delivery within 24 hours; customisation is possible on any product, including bespoke entries, engraved corporate logos or fitted terminals, within 48 hours. Products can be ordered direct from Spelsberg or from most leading supply specialists including RS, Rapid, Farnell and CPC.



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