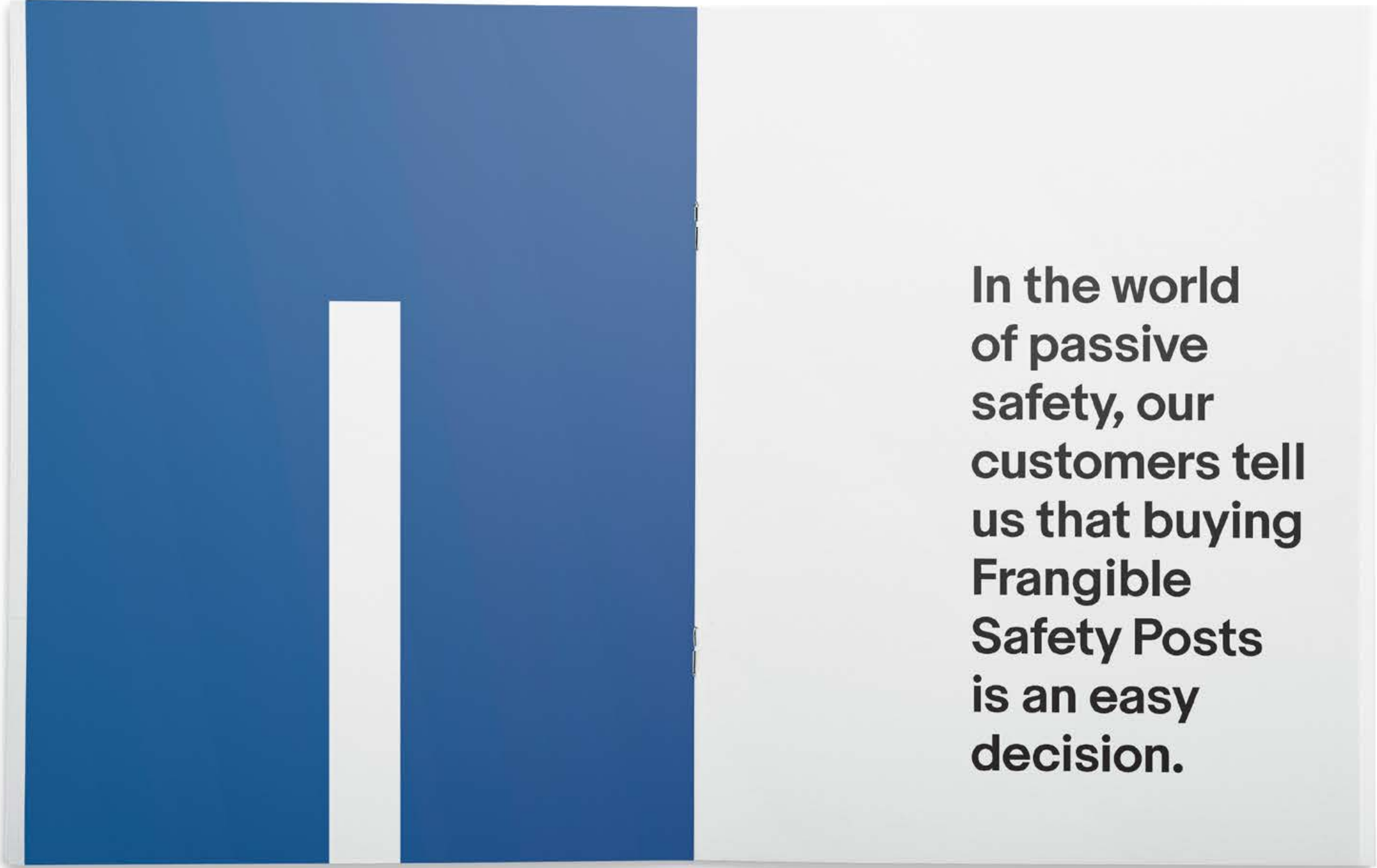


FSP Brochure

FSP
Florida State Police
An invasion
in road safety

The easiest thing you'll do today

An open book is shown against a white background. The left side of the book is a solid blue cover with a vertical white strip in the center. The right side is a white page with black text. The text is centered on the page and reads: "In the world of passive safety, our customers tell us that buying Frangible Safety Posts is an easy decision."

**In the world
of passive
safety, our
customers tell
us that buying
Frangible
Safety Posts
is an easy
decision.**

They are easy to install.

Our posts use standard foundation techniques, sign clips and fittings. No retraining is necessary. The range of sizes match existing posts and foundations and can be cut on site with standard cutting tools. Our posts are considerably lighter than steel, which make manual handling and installation very easy.

We have three standard diameters available: 219mm, 168mm and 140mm

They are easy to maintain.

Our patented composite design doesn't degrade like steel. They will last over 50 years and are durable and sustainable.

They are easy to justify.

It's estimated that 15% of road deaths are caused by collisions with rigid roadside features. Our posts are designed to shatter predictably and safely. Independently tested, our posts have an overall NE:2 rating with the 140mm posts achieving NE:3. They save lives. This picture, and the ones overleaf, show you how.



They are easy to get.

Our exclusive distribution deal with Kloeckner Metals in the UK and Ireland means our posts are extremely cost-effective to deliver and available with very short lead times. They are available in any length and can be custom delivered in any colour.

If you have a crash damaged Frangible Safety Post please let us know and we will offer a free replacement.





The Inventors

The team of British based materials scientists and engineers behind Frangible Safety Posts are big thinkers. They have been working with composites and materials over the last 30 years and aim to create products which make life better, safer and easier.

Led by renowned materials scientist Gerry Boyce, the team create inventions that become key elements in the UK's infrastructure such as the roadways, power and water supplies. They have partnered with organisations such as 3M, National Grid and Severn Trent Water.



How do Frangible Safety Posts work?

The Frangible Safety Post is highly engineered and constructed from the latest reinforced composite materials that exceeds the strength of steel posts but due to their patented hybrid fibre construction and lower shear strength, is designed to collapse in a safe, controlled and predictable manner. In a collision this dramatically lowers the forces exerted on the vehicle and its occupants significantly reducing the risk of fatality and severity of injuries.

Safety and Technical performance targets have been met through a rigorous process and independently tested to EN 12767 and EN12899-1. We carry CE marking and all technical data sheets and certificates are available on our website or can be provided by email.

Case study

On the 4th December 2012 in icy conditions there was an accident on the A970 on the Shetland Islands.

A vehicle struck one post of a two post Frangible Safety Post installation and the driver walked away unscathed.



It is likely that should the vehicle have struck a traditional steel post installation the driver would have suffered significant injuries.

The Frangible Safety Post that was struck performed and reacted exactly as intended through our patented design.



Case study

Craig Pyser,
Managing
Director of FSP

“We are delighted that the driver of the vehicle was unharmed and that our passive safety system worked perfectly. This type of incident is justification that local and highways authorities such as Shetland Island Council adopt passively safe street furniture to greatly improve roadside safety from a human and economic perspective.”

Neil Hutcheson,
Roads Engineer,
Shetland
Island Council

“This incident has shown that to be the correct decision. I have no doubt that the vehicles occupant would have been seriously injured if we had retained the steel posts. We consider that these passive safety posts can play a significant part in reducing casualty rates and making Shetland’s roads safer.”



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An innovation
in road safety