

**passively
safe
signposts**



passive safety - Jerol sign posts

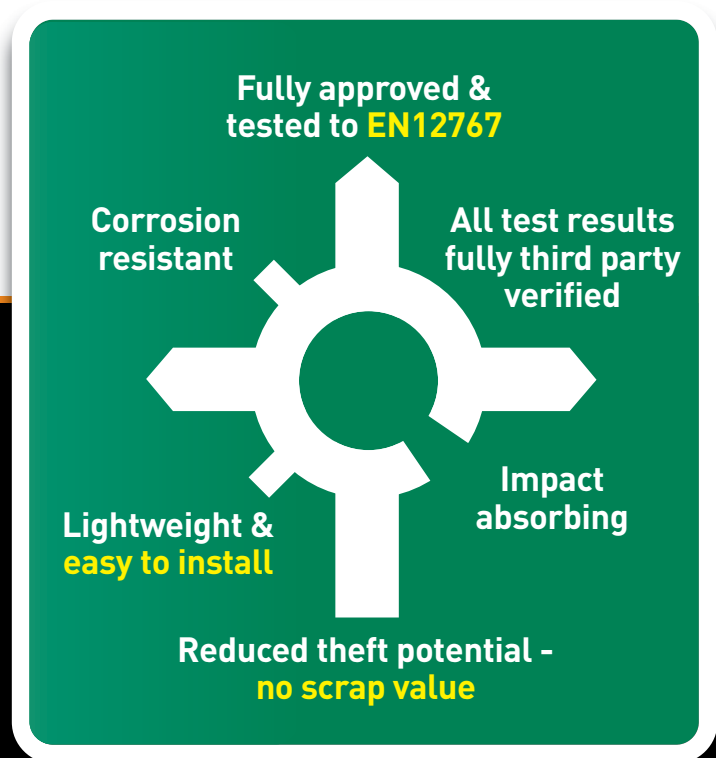
Structural Properties

The impact absorbing Jerol signposts have a polymer composite shaft, which consists of two layers, an inner fibre reinforced polymer composite and an outer layer of tough polyolefin.



The posts are manufactured in Sweden by a patented process from glass fibre composite, and comply fully with the latest European standard on passive safety, EN12767. The process is fully computer controlled ensuring that the highest standards of quality control are maintained.

The construction is extremely durable, being weather and UV-resistant, and service life is estimated to exceed 60 years. As the shaft material is an electrical insulator, no earth bond is required. The posts are designed and certified to fully comply with the wind load classification and relevant deflection criteria contained in BS EN 12899-1. Design check certificates and data sheets are available on request.



Passive Safety

The sign posts have been extensively crash tested at Helsinki Technical University to EN12767. The university has a reputation as one of the foremost test centres in Europe and all their work has full 3rd party accreditation. Full test certificates are available.

Doors and Base Compartment

If required a base compartment is provided, 1.0m above ground level. The door is manufactured from stainless steel and is powder coated to match the colour of the post. The aperture has a rubber seal and the door has a bonded foam lining to provide a watertight seal and to provide good electrical insulation.



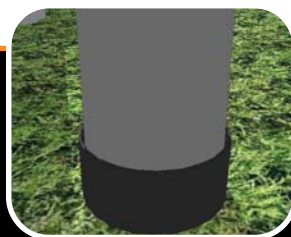
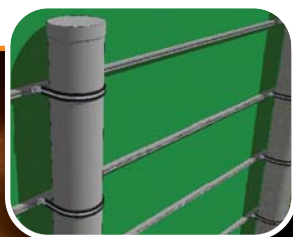
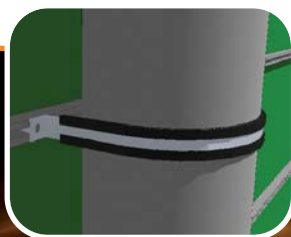
Post Protection Accessories

Xtra Grip Sign Clips

The clips offer better post grip due to their rubber lined construction. This lining prevents the clip from rotating on the post and also prevents damage to the post surface. It is particularly effective with painted or coated finishes and is recommended for use with all JEROL posts. The clips are available in a variety of sizes to suit Jerol posts. Other sizes can be produced for use with steel posts.

Strimmer Guard

Designed to prevent damage to the post surface by grass cutting or other landscape maintenance equipment, the Strimmer Guard is suitable for all types of columns and sign posts. The guard is manufactured from abrasive resistant polyurethane and can be retro fitted to any columns or posts already installed.



“The Government safety target is to reduce the number of road accident injuries and fatalities by 40%. If you commission **Jerol** poles, they just might reach it.”

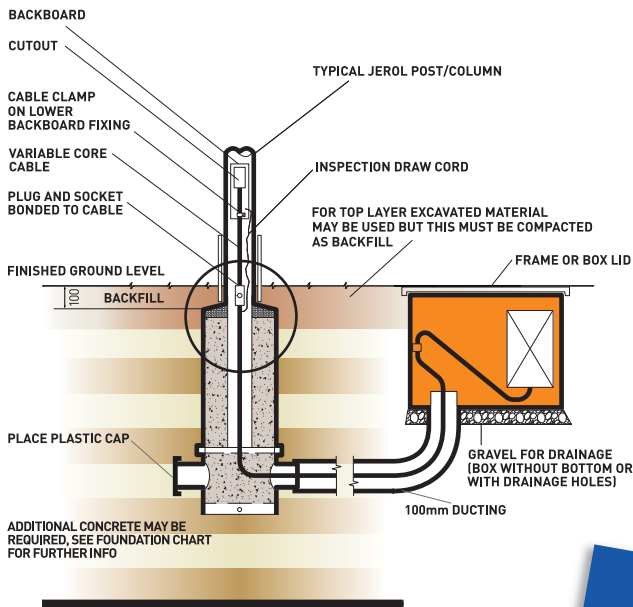
Foundations

The posts are available with their own steel foundation – see separate brochure. Posts can also be installed by the more conventional cast-in-situ concrete sleeved method.

Electrical Connection

To comply with UK regulations, passively safe posts which have an electrical connection must be fitted with a suitable disconnection system. Typical systems are shown in the Jerol Installation Method Statement, which is available upon request.

Installation Diagram



Jerol Sign Post Calculation Programme

The Jerol/Opta calculation programme, which has been fully verified by independent consultants, enables users to confirm the type and size of posts required for any given sign dimension and loading criteria.

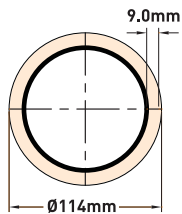


Coloured Finish

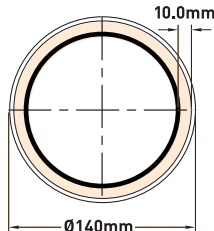
The standard finish of Jerol posts and columns is RAL 7023 Grey, but other colours are available to order.



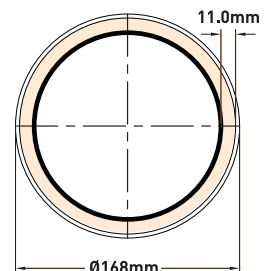
post specifications



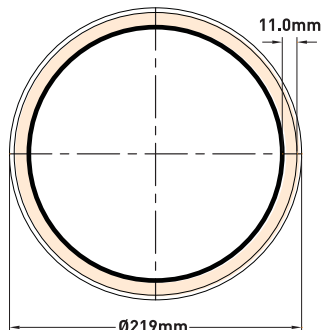
JSP114



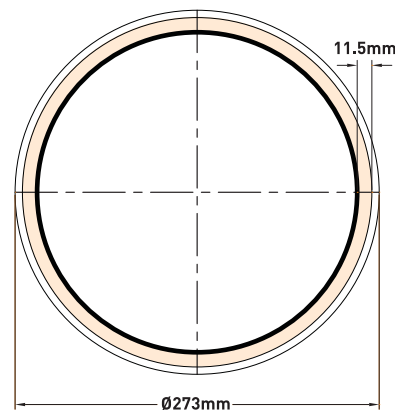
JSP140



JSP168



JSP219



JSP273

All posts are certified to EN12767 100 NE 2

Diameter	Diameter	Composite	Polymer	Design	Weight/m
Ext.	Int.	Thickness	Thickness	Strength	
mm	mm	mm	mm	N/mm ²	kg
114	92	9.0	2.0	165	7.0
140	114	10.0	3.0	165	9.4
168	140	11.0	3.0	165	12.5
219	190	11.0	3.5	165	16.8
273	240	11.5	5.0	165	23.5





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