

NEW Bristorm Beam

The Bristorm Beam comprises of a double height of a specially developed corrugated beam combined with wire ropes.

- Tested to BSI PAS 68 : 2010
- Anchor foundation depth 500mm
- Aggressive and robust
 appearance acts as a deterrent



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Bristorm Beam is a new and innovative development from perimeter security specialists Bristorm. Developed to meet the needs of sites where underground services limit the depth of excavation the Bristorm Beam is an economical and robust alternative to bollards and fences.

Tested to BSI PAS 68 : 2010, the Bristorm Beam has demonstrated it's ability to withstand a perpendicular ramming attack from a 7,500kg truck travelling at 30mph (48km/h).

Anchor foundations are only 500mm deep, allowing installation above existing services. Line posts are intended to be fixed to an existing hard surface using chemical anchors; however a shallow foundation can be used where a suitable surface is not present.

Bristorm Beam is developed from highway safety technology from within the Hill & Smith Group. Despite its appearance the Bristorm Beam shares only a few very minor components (e.g. bolts) with these safety systems.

Standing at 1.2m in height, the Bristorm Beam can be installed at new and existing sites quickly and simply.

The integration of the Bristorm Beam into an existing or new perimeter is flexible and simple.

The location of anchor points are determined, excavated and cast. The line of the Bristorm Beam between the anchors is then set out, drilled and the line posts fixed in place using the chemical anchors. The lower beam, ropes and upper beam are then fixed in place, completing the installation.

With anchor points that are developed from the Bristorm Shallow Bollard, the ends of the Bristorm Beam can be seamlessly integrated into an ongoing perimeter.

The minimum installed length is 24m. There is no theoretical limit on the distance between anchor points however Bristorm recommends that anchor points are placed at a maximum spacing of 200m to allow the easy tensioning of the ropes.

Installation on a curve without the need for additional anchor points is possible. Convex installations (where the barrier protrudes towards the impact side) will have a higher level of penetration.



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