

ANTI VEHICLE FENCES

Operation Type: Tensioned, wire-rope system



PRODUCT OVERVIEW

Brought to you by ATG Access, the Bristorm Anti-Vehicle fence range consists of a number of tensioned wire-rope systems with either seven or ten ropes supported by line posts and terminated at anchor posts. The length of each fence is infinite as long as the maximum distance between anchors is maintained in accordance with the manufacturer's installation manual.

The anti-vehicle fence system was crash tested to BSI PAS 68 and achieved between 2-4 m penetration (see below table).

The Bristorm anti-vehicle fence system comprises of the following components;

anchor posts, line posts, wire rope and mechanical fittings.

The anti-vehicle fence steelwork is supplied hot-dip galvanised to BS EN ISO 1461 as standard and the wire rope strands are zinc plated and HDPE coated as per EN 10264-2:2002 or EN 10244-2.

Thicker coatings and powder coating to suit specific aesthetic requirements can be accommodated on request.

A detailed installation methodology can be found in the manufacturer's installation manual and associated 'General Arrangement Drawings'.

SECURITY RATING (PAS 68)

Bristorm 30: V/7,500/48/90:2.0/0.0
Bristorm 40-45 m: V/7,500/64/90:2.0/0.0
Bristorm 40-100 m: V/7,500/64/90:4.0/0.0
Bristorm 50: V/7,500/80/90:2.0/12

FINISHES

Steelwork, hot-dip galvanised to BS EN ISO 1461; strands zinc plated and HDPE coated as per EN 10264-2:2002 or EN 10255-2. Thicker coatings and powder coatings are available on client request.

ANTI-VEHICLE FENCES

	Bristorm 30	Bristorm 40-45 m	Bristorm 40-100 m	Bristorm 50
Height	1,230 mm	1,255 mm	1,255 mm	1,255 mm
Foundation Dimensions (mm)	Anchors: 2,000 x 2,000 x 1,500 Line Posts: Ø500 x 1,500	Anchors: 2,000 x 2,000 x 2,500 Line Posts: Ø600 x 1,500	Anchors: 2,000 x 2,000 x 2,500 Line Posts: Ø600 x 1,500	Anchors: 2,000 x 2,000 x 2,500 Line Posts: Ø600 x 1,500
Anchorage (m)	Minimum: 42 m Maximum 100 m	Minimum: 45 m Maximum 45 m	Minimum: 100 m Maximum 100 m	Minimum: 100 m Maximum 100 m
Line Post Spacing	3,200 mm	2,400 mm	2,400 mm	2,400 mm
Angled Anchor Range	45° to 150°	45° to 145°	45° to 145°	45° to 145°
Tension	Yes, as per manual	Yes, as per manual	Yes, as per manual	Yes, as per manual
BSI PAS 68 Rating	V/7,500/48/90:2.0/0.0	V/7,500/64/90:2.0/0.0	V/7,500/64/90:4.0/0.0	V/7,500/80/90:2.0/12.0
Ropes	7 Weaved Strands	7 Weaved Strands	7 Weaved Strands	10 Weaved Strands