

HA ACCEPTED EN1317 COMPLIANT ROAD RESTRAINT SYSTEMS

September 2009

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Sector Scheme Training Requirements

Note from TD19/06:

1.17 All VRS installed for use on the Trunk Road network, and on all roads in Northern Ireland, must be installed and maintained by qualified personnel in accordance with Sector Schemes 2B and 5B (see Appendix A of MCHW-1), where these schemes are applicable. VRS, such as concrete safety barrier, that are not covered by these Sector Schemes must be installed and maintained by suitably trained and experienced personnel.

New Products – September 2009

- Safety Barriers (Permanent and Temporary)
 - Delta Bloc; Delta Bloc 80/4m (K120)
 - Delta Bloc; Delta Bloc 90 Step/6m (K220)
 - Delta Bloc; Delta Bloc 80 AS-R/6m (K180)
 - Delta Bloc; Delta Bloc 100S/6m (K220)
 - Highway Care; BarrierGuard 800 steel barrier 12m anchors
- Safety Barriers (Permanent)
 - Hill and Smith; Flex-Beam Plus single sided at 1.6m post spacing
 - Holgate Fencing (Ire); Safence Guard Rail 3-rope system at 2.5m post spacing
 - Holgate Fencing (Ire); Safence 4R.I. 4-rope system at 2.5m post spacing
 - SafeRoad BLG; Balmerguard safety fence
- Transition
 - DeltaBloc; DeltaBloc SafeLink (DB100S to DB 90Step)
 - SafeRoad BLG; Balmerflex Transition
- Lorry Mounted Crash Cushions
 - Acklea Ltd; Scorpion Lorry Mounted Crash Cushion

Note: For further details on these systems, please see relevant section within the HA Accepted EN1317 Compliant Road Restraint Systems List.

Relisted Products

- Safety Barriers
 - CORUS; N2W4 Vetex at 2.0m centres
 - CORUS; N2W4 Vetex at 2.5m centres

Amendments

- QUEST and QUADGUARD crash cushions now CE marked
- All 'Balmer Lindley' products now listed as 'SafeRoad BLG'.
- S-A-B H2 Gate is now distributed by Highway Care.
- Highway Care's 'X-Tension 110' terminal, renamed as the 'Xtension 110'

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SAFETY BARRIERS

The following Safety Barriers have been successfully tested to meet the requirements of BS EN 1317 -1 and -2 and are acceptable for use on the Highways Agency Trunk Road Network for the Containment Performance Class and Working Width Class stated below. Please note: that all safety barriers must be installed by qualified personnel in accordance with sector scheme 2B or 21. The Safety Barriers shall comply with the manufacturers Specification, component descriptions and Installation procedures. Further information on Impact Severity Levels for the product and copies of documents and drawings can be obtained from the Promoter.

Safety Barrier Type	Containment Performance Class	Working Width Class	ASI	Name and Address of Promoter	CE Marked
Higher Vertical Concrete Barrier (HVCB)	H4a	W5	С	Please contact an appropriate Manufacturer/ Contractor for details including information on construction.	
Vertical Concrete Barrier (VCB)	N2	W1	С	Please contact an appropriate Manufacturer/ Contractor for details including information on construction.	
Double Rail Open Box Beam (DROBB)	H1	W4	В	Please contact any of the Promoters listed below for details including information on construction, connections and transitions.	
Single Sided Open Box Beam (SSOBB)	N2	With post centres at 1.2m the Working Width Class is: W4 With post centres at 2.4m the Working Width Class is: W5		Please contact any of the Promoters listed below for details including information on construction, connections and transitions.	
Double Sided Open Box Beam (DSOBB)	N2	With post centres at 1.2m the Working Width Class is: W4 With post centres at 2.4m then the Working Width Class W5	В	Please contact any of the Promoters listed below for details including information on construction, connections and transitions.	
Single Sided Tensioned Corrugated Beam (SSTCB)	N2	With post centres at 3.2m the Working Width Class is: W6	A	Please contact any of the Promoters listed below for details including information on construction, connections and transitions.	

Safety Barriers SB 1 September 2009

Safety Barrier Type	Containment Performance Class	Working Width Class	ASI	Name and Address of Promoter	CE Marked
Double Sided Tensioned Corrugated Beam (DSTCB)	N2	With post centres at 3.2m the Working Width Class is: W6		Please contact any of the Promoters listed below for details including information on construction, connections and transitions.	

The Promoters for the above Double Rail Open Box Beam (DROBB), Single Sided Open Box Beam (SSOBB), Double Sided Open Box Beam (DSOBB), Single Sided Tensioned Corrugated Beam (SSTCB) and Double Sided Tensioned Corrugated Beam (DSTCB) are listed below. Please contact these Promoters for all enquiries concerning these safety barrier systems and associated connections and transitions and detailed and general arrangement drawings

Clipstone Services Limited	Corus CEP	Corus Tubes	
Units J & K	Corus Distribution & Building Systems	PO Box 101	
Clipstone Holding Centre	Llanwern Works	Weldon Road	
Clipstone Village	Newport	Corby	
Mansfield	NP19 4QZ	Northants	
Nottinghamshire		NN17 5UA	
NG21 9AP	Tel. 01633 290011 (CEP Sales)	Tel. 01536 402121	
Tel. 01623 420188	e mail: saferoads@corusgroup.com	corustubes@corusgroup.com	
Hill and Smith Ltd.	SafeRoad BLG Ltd.		
Springvale Avenue	Dragonby Vale		
Bilston	Enterprise Park		
Wolverhampton	Manaberg Way		
WV 0QL	Scunthorpe		
	North Lincolnshire		
Tel. 01902 499400	DN15 8XF		
Fax: 01902 499419	Tel. 01724 289119		
e mail: steve@hill-smith.co.uk	e mail: john.smith@saferoadblg.co.uk		
Web site: www.hill-smith.co.uk			

Safety Barrier Type	Containment Performance Class	Working Width Class	ASI	Name and Address of Promoter	CE Marked
System Spengler Double Sided Precast Concrete Barrier ('B35') (height 0.81 + 0.04m)	H2	W2	С	Ardee Precast Concrete Limited Town Parks Ardee Co. Louth Ireland Tel. +353 41 6856372 Fax. +353 41 6857216 email: info@ardeeprecastconcrete.com Web Site: www.ardeeprecastconcrete.com	
System Spengler Precast Concrete Barrier, Trough Construction with Filling	H2	W5	В	Ardee Precast Concrete Limited Town Parks Ardee Co. Louth Ireland Tel. +353 41 6856372 Fax. +353 41 6857216 email: info@ardeeprecastconcrete.com Web Site: www.ardeeprecastconcrete.com	
Varioguard Double Sided Safety Barrier -	N2	W6	В	Asset International (A Division of Hill and Smith) Springvale Avenue	
SYSTEM No. 1	H2	W8	В	Bilston Wolverhampton WV14 0QL Tel. 01902 499402 Fax. 01902 402104 e mail: peter@hill-smith.co.uk Web Site: www.asset-vrs.co.uk	
Varioguard Single Sided Safety Barrier - SYSTEM No. 4	N2	W2	В	Asset International (A Division of Hill and Smith) Springvale Avenue Bilston Wolverhampton WV14 0QL Tel. 01902 499402 Fax. 01902 402104 e mail: peter@hill-smith.co.uk Web Site: www.asset-vrs.co.uk	

Safety Barrier Type	Containment Performance Class	Working Width Class	ASI	Name and Address of Promoter	CE Marked
SOLOGUARD Emergency and Maintenance Crossing Point System	H1	W5	В	Asset International (A Division of Hill and Smith) Springvale Avenue Bilston Wolverhampton WV14 0QL Tel. 01902 499402 Fax. 01902 402104 e mail: peter@hill-smith.co.uk Web Site: www.asset-vrs.co.uk	
Varioguard Double Sided Steel Safety Barrier - SYSTEM No. 3	N2	W4	В	Asset International (A Division of Hill and Smith) Springvale Avenue Bilston Wolverhampton WV14 0QL Tel. 01902 499402 Fax. 01902 402104 e mail: peter@hill-smith.co.uk Web Site: www.asset-vrs.co.uk	
Asset International Steel Step Barrier	H2	W2	В	Asset International (A Division of Hill and Smith) Springvale Avenue Bilston Wolverhampton WV14 0QL Tel. 01902 499402 Fax. 01902 402104 e mail: peter@hill-smith.co.uk Web Site: www.asset-vrs.co.uk	
Asset International Half Steel Step Barrier	H2	W1	В	Asset International (A Division of Hill and Smith) Springvale Avenue Bilston Wolverhampton WV14 0QL Tel. 01902 499402 Fax. 01902 402104 e mail: peter@hill-smith.co.uk Web Site: www.asset-vrs.co.uk	

Safety Barrier Type	Containment Performance Class	Working Width Class	ASI	Name and Address of Promoter	CE Marked
Brifen 3 Rope Wire Rope Safety Fence	N2	With post centres at 3.2m then the Working Width Class W6	A	Brifen (A Division of Hill and Smith) Springvale Avenue Bilston Wolverhampton WV14 0QL	
				Tel. 01902 499400 Fax. 01902 499419 e mail: eng@brifen.co.uk	
Brifen 4 Rope Wire Rope Safety Fence	N2	With post centres at 1.2m the Working Width Class is: W4	А	Brifen (A Division of Hill and Smith) Springvale Avenue Bilston Wolverhampton	
		With post centres at 3.2m the Working Width Class is: W5	А	WV14 OQL Tel. 01902 499400 Fax. 01902 499419 e mail: eng@brifen.co.uk	
Brifen 4 wire rope safety fence	H1	With post centres at 3.2m the Working Width Class is: W7	A	Brifen (A Division of Hill and Smith) Springvale Avenue Bilston Wolverhampton WV 0QL Tel. 01902 499400 Fax: 01902 499419 e mail: miket@hill-smith.co.uk Web site: www.hill-smith.co.uk	

Safety Barrier Type	Containment Performance Class	Working Width Class	ASI	Name and Address of Promoter	CE Marked
Variable Embedded		Note - where there is a		BRITPAVE	
Concrete Step Barrier		difference in level between		Riverside House	
(0.9m High minimum)		adjoining carriageways of not		4 Meadows Business Park	
Slip formed Concrete		more than 300mm and where		Station Approach	
System (Minimum		the actual width of the barrier		Blackwater	
60mm embedment)		is less than 0.6m wide the		Camberley	
		approved Working Width		Surrey	
		Class is:		GU17 9AB	
	N2	W1	В		
	H1 or H2	W2	В	Tel. 01276 33160	
		Note - where there is a		Fax. 01276 33170	
		difference in level between		e mail: info@britpave.org.uk	
		adjoining carriageways of not		Web site: www.britpave.org.uk	
		more than 300mm and where			
		the actual width of the barrier			
		is greater than 0.6m but less			
		than 1.0m wide the approved			
		Working Width Class is:			
	N2 or H1 or H2	W3	В		
Embedded Concrete		Note - where there is no		BRITPAVE	
Step Barrier (0.9m		difference in level between		Riverside House	
High fixed profile) Slip		adjoining carriageways and		4 Meadows Business Park	
formed Concrete		where the actual width of the		Station Approach	
System (Minimum		barrier is less than 0.6m wide		Blackwater	
60mm embedment)		the approved Working Width		Camberley	
,		Class is:		Surrey	
	N2	W1	В	GU17 9AB	
	H1 or H2	W2	В		
		Note - where there is no		Tel. 01276 33160	
		difference in level between		Fax. 01276 33170	
		adjoining carriageways and		e mail: info@britpave.org.uk	
		where the barrier width is		Web site: www.britpave.org.uk	
		greater than 0.6m but less			
		than 1.0m wide the approved			
		Working Width Class is:			
	N2 or H1 or H2	W3	В		

Safety Barrier Type	Containment Performance Class	Working Width Class	ASI	Name and Address of Promoter	CE Marked
Variable Surface		Note - where there is a		BRITPAVE	
Mounted Concrete		difference in level between		Riverside House	
Step Barrier (0.9m		adjoining carriageways of not		4 Meadows Business Park	
High minimum) Slip		more than 300mm and where		Station Approach	
formed Concrete		the actual width of the barrier		Blackwater	
System		is less than 0.6m wide the		Camberley	
		approved Working Width		Surrey	
		Class is:		GU17 9AB	
	N2	W1	В		
	H1 or H2	W2	В	Tel. 01276 33160	
		Note - where there is a		Fax. 01276 33170	
		difference in level between		e mail: info@britpave.org.uk	
		adjoining carriageways of not		Web site: www.britpave.org.uk	
		more than 300mm and where		The same and the s	
		the barrier width is greater			
		than 0.6m but less than 1.0m			
		wide the approved Working			
		Width Class is:			
	N2 or H1 or H2	W3	В		
Surface Mounted		Note - where there is no		BRITPAVE	
Concrete Step Barrier		difference in level between		Riverside House	
(0.9m High fixed		adjoining carriageways and		4 Meadows Business Park	
profile) Slip formed		where the actual width of the		Station Approach	
Concrete System		barrier is less than 0.6m wide		Blackwater	
		the approved Working Width		Camberley	
		Class is:		Surrey	
	N2	W1	В		
	H1 or H2	W2	В	GU17 9AB	
		Note - where there is no			
		difference in level between		Tel. 01276 33160	
		adjoining carriageways and		Fax. 01276 33170	
		where the barrier width is		e mail: info@britpave.org.uk	
		greater than 0.6m but less		Web site: www.britpave.org.uk	
		than 1.0m wide the approved			
		Working Width Class is:			
	N2 or H1 or H2	W3	В		

Safety Barrier Type	Containment Performance Class	Working Width Class	ASI	Name and Address of Promoter	CE Marked
Steel Step Barrier (0.9m High)	H2	W2	В	BRITPAVE Riverside House 4 Meadows Business Park Station Approach Blackwater Camberley Surrey GU17 9AB	
				Tel. 01276 33160 Fax. 01276 33170 e mail: info@britpave.org.uk Web site: www.britpave.org.uk	
Corus CCB Steel Safety Barrier	N2	With post centres at 1.6m the Working Width Class is: W4	Α	Corus CEP Corus Distribution & Building Systems Llanwern Works Newport	
		With post centres at 3.2m the Working Width Class is: W5	А	NP19 4QZ Tel. 01633 290011 (CEP Sales) e mail: saferoads@corusgroup.com	
Corus CCB Double- Sided Steel Safety Barrier	N2	With post centres at 1.6m the Working Width Class is: W3	A	Corus CEP Corus Distribution & Building Systems Llanwern Works Newport	
		With post centres at 3.2m the Working Width Class is: W4	А	NP19 4QZ Tel. 01633 290011 (CEP Sales) e mail: saferoads@corusgroup.com	
Corus Vetex H2 Single Sided Barrier	H2	With post centres at 2.0m the Working Width Class is: W4	В	Corus CEP Corus Distribution & Building Systems Llanwern Works Newport NP19 4QZ	
				Tel. 01633 290011 (CEP Sales) e mail: saferoads@corusgroup.com	

Safety Barrier Type	Containment Performance Class	Working Width Class	ASI	Name and Address of Promoter	CE Marked
Corus Vetex N2 Single Sided Safety Barrier	N2	With post centres at 0.8m the Working Width Class is: W2	В	Corus CEP Corus Distribution & Building Systems Llanwern Works	
		With post centres at 1.6m the Working Width Class is:	В	Newport NP19 4QZ Tel. 01633 290011 (CEP Sales) e mail: saferoads@corusgroup.com	
		With post centres at 2.0m the Working Width Class is: W2	А		
		With post centres at 2.5m the Working Width Class is: W3			
		With post centres at 3.2m the Working Width Class is:	А		
		With post centres at 2.0m the Working Width Class is: W4			
		With post centres at 2.5m the Working Width Class is: W4	А		
		With post centres at 4.0m the Working Width Class is: W5	А		
		With post centres at 5.0m the Working Width Class is: W5	А		

Safety Barrier Type	Containment Performance Class	Working Width Class	ASI	Name and Address of Promoter	CE Marked
Corus Vetex Double Sided N2 Steel Safety Barrier	N2	With post centres at 4.0m the Working Width Class is: W3 With post centres at 5.0m the Working Width Class is: W4	А	Corus CEP Corus Distribution & Building Systems Llanwern Works Newport NP19 4QZ Tel. 01633 290011 (CEP Sales) e mail: saferoads@corusgroup.com	
Protect 365 N2 Safety Fence	N2	With post centres at 2.0m the Working Width Class is: W1	В	Corus Tubes PO Box 101 Weldon Road Corby	
		With post centres at 4.0m the Working Width Class is: W3	В	Northants NN17 5UA Tel. 01536 402121 e mail: corustubes@corusgroup.com Web site: www.steelparapets.com	
Delta Bloc 80/4m (K120)	N2	W4	В	Delta Bloc Europa GMBH A-2700 Wiener Neustadt Postfach 154 Austria Tel. +43(0) 57715/470-115 Fax. +43(0) 57715/470-474 email: Thomas.Edl@deltabloc.com	
Delta Bloc 80AS- R/6m (K180)	H2	W4	В	Delta Bloc Europa GMBH A-2700 Wiener Neustadt Postfach 154 Austria Tel. +43(0) 57715/470-115 Fax. +43(0) 57715/470-474 email: Thomas.Edl@deltabloc.com	

Safety Barrier Type	Containment Performance Class	Working Width Class	ASI	Name and Address of Promoter	CE Marked
Delta Bloc 90 Step/6m (K220)	H2	W6	С	Delta Bloc Europa GMBH A-2700 Wiener Neustadt Postfach 154 Austria	
				Tel. +43(0) 57715/470-115 Fax. +43(0) 57715/470-474 email: Thomas.Edl@deltabloc.com	
Delta Bloc 100S/6m (K220)	H2	W5	А	Delta Bloc Europa GMBH A-2700 Wiener Neustadt Postfach 154 Austria	
				Tel. +43(0) 57715/470-115 Fax. +43(0) 57715/470-474 email: Thomas.Edl@deltabloc.com	
IMEVA N2 Verge Safety Fence	N2	With post centres at 3.375m the Working Width Class is: W5	A	Francesco Tessari IMEVA 82 100 Benevento Localita Ponte Valentino Area Industriale ASI Zona 75 Italy Tel. 0039 08 24481211 e mail: f.tessari@imeva.it	
HAITSMA H2 Freestanding Precast Concrete Step Barrier		W4	В	Haitsma Beton Pinksterbloemstraat 2 Postbus 7 9288 ZG Kootstertille The Netherlands Tel. 0512-335678 Fax. 0512-335666 e mail: j.kroon@haitsma.nl	

Safety Barrier Type	Containment Performance Class	Working Width Class	ASI	Name and Address of Promoter	CE Marked
HAITSMA Beton H2 Freestanding Precast Concrete Step Barrier - (Version 2)		W5	В	Haitsma Beton Pinksterbloemstraat 2 Postbus 7 9288 ZG Kootstertille The Netherlands Tel. 0512-335678 Fax. 0512-335666 e mail: j.kroon@haitsma.nl	
Highway Care BarrierGuard 800, Minimum Deflection System (MDS)	N2	W2	В	Highway Care Ltd. The Highlands Detling Hill Detling Maidstone Kent ME14 3HT Tel. 01622 734215 Fax. 01622 735106 e mail: info@highwaycare.co.uk Web site: www.highwaycare.co.uk	
Highway Care BarrierGuard 800 - 12m centres	N2	W2	В	Highway Care Ltd. The Highlands Detling Hill Detling Maidstone Kent ME14 3HT Tel. 01622 734215 Fax. 01622 735106 e mail: info@highwaycare.co.uk Web site: www.highwaycare.co.uk	

Safety Barrier Type	Containment Performance Class	Working Width Class	ASI	Name and Address of Promoter	CE Marked
Highway Care Half Steel Step Barrier	H2	W1	В	Highway Care Ltd. The Highlands Detling Hill Detling Maidstone Kent ME14 3HT Tel. 01622 734215 Fax. 01622 735106 e mail: info@highwaycare.co.uk Web site: www.highwaycare.co.uk	
Bri-Flex Double sided vehicle restraint system	H2	W5	А	Hill and Smith Ltd. Springvale Avenue Bilston Wolverhampton WV 0QL Tel. 01902 499400 Fax: 01902 499419 e mail: steve@hill-smith.co.uk Web site: www.hill-smith.co.uk	

Safety Barrier Type	Containment Performance Class	Working Width Class	ASI	Name and Address of Promoter	CE Marked
Flex-Beam Untensioned Corrugated Beam Double Sided Steel	N2	With post centres at 1.6m the Working Width Class is: W2	А	Hill and Smith Ltd. Springvale Avenue Bilston Wolverhampton	
Safety Barrier		With post centres at 2.0m the Working Width Class is: W2	А	WV 0QL Tel. 01902 499400 Fax: 01902 499419	
		With post centres at 3.2m the Working Width Class is: W4	А	e mail: steve@hill-smith.co.uk Web site: www.hill-smith.co.uk	
		With post centres at 3.6m the Working Width Class is: W4	А		
		With post centres at 4.0m the Working Width Class is: W4	А		
		With post centres at 4.8m the Working Width Class is: W4	А		

Safety Barrier Type	Containment Performance Class	Working Width Class	ASI	Name and Address of Promoter	CE Marked
Flex-Beam Untensioned Corrugated Beam Single Sided Steel	N2	With post centres at 0.8m the Working Width Class is: W2	А	Hill and Smith Ltd. Springvale Avenue Bilston Wolverhampton	
Safety Barrier		With post centres at 1.2m the Working Width Class is: W3	А	WV 0QL Tel. 01902 499400 Fax: 01902 499419	
		With post centres at 2.4m the Working Width Class is: W4	Α	e mail: steve@hill-smith.co.uk Web site: www.hill-smith.co.uk	
		With post centres at 3.2m the Working Width Class is: W4	А		
		With post centres at 4.0m the Working Width Class is: W5	А		
Flex-Beam Plus Untensioned Corrugated Beam Single Sided Steel	N2	With post centres at 1.6m the Working Width Class is: W1	С	Hill and Smith Ltd. Springvale Avenue Bilston Wolverhampton	
Safety Barrier		With post centres at 2.0m the Working Width Class is: W2	В	WV 0QL Tel. 01902 499400 Fax: 01902 499419	
		With post centres at 2.8m the Working Width Class is: W3	В	e mail: steve@hill-smith.co.uk Web site: www.hill-smith.co.uk	
	H1	With post centres at 2.0m the Working Width Class is: W4	В		
	H2	With post centres at 2.0m the Working Width Class is: W5	В		

Safety Barrier Type	Containment Performance Class	Working Width Class	ASI	Name and Address of Promoter	CE Marked
ZoneGuard	N1	W6	В	Hill and Smith Ltd. Springvale Avenue Bilston Wolverhampton WV 0QL Tel. 01902 499400 Fax: 01902 499419 e mail: steve@hill-smith.co.uk Web site: www.hill-smith.co.uk	
Safence Guard Rail 3- Rope system	N2	With post centres at 2.5m the Working Width Class is: W4	A	Holgate Fencing (Ire) Ltd The Grange Newcastle Road Lucan Co. Dublin Tel. 353-1- 5055890 Fax: 353-1- 5055891 e mail: alanmuldoon@holgatefencing.ie website: www.holgatefencing.ie	
Safence 4.R.I 4-Rope system	H1	With post centres at 2.5m the Working Width Class is: W5	A	Holgate Fencing (Ire) Ltd The Grange Newcastle Road Lucan Co. Dublin Tel. 353-1- 5055890 Fax: 353-1- 5055891 e mail: alanmuldoon@holgatefencing.ie website: www.holgatefencing.ie	
Vulcan Safety Barrier	N2 H2	W6 W8	A A	Quixote Europe Inc Crown House Crown Street Ipswich Suffolk IP1 3HS Tel. 01473 22 11 05 Fax: 01473 22 11 06 e mail: europe.sales@quixotecorp.com Web site: www.energyabsorption.com	

Safety Barrier Type	Containment Performance Class	Working Width Class	ASI	Name and Address of Promoter	CE Marked
Marcegaglia N2W2 safety fence system	N2	W2	A	Marcegaglia buildtech S.r.I New Road Netherton Dudley West Midlands DY2 8TA Tel. 01384 242 812 Fax. 01384 242 813 email: terry.nightingale@marcegaglia.com	
Marshalls Delta Bloc 80	N1 Note: Only permitted for use on roads where road works are being undertaken and a speed limit of less than 50 mph is operative.	W4	А	Marshalls Traffic Management Southowram Halifax HX3 9SY Tel. 0845 3040708 Fax. 0845 3040709 e mail: Traffic.Management@marshalls.co.uk	
Delta Bloc 80-4M (K180) Freestanding Precast Concrete Barrier	N2	W4	В	Marshalls Traffic Management Southowram Halifax HX3 9SY Tel. 0845 3040708 Fax. 0845 3040709 e mail: Traffic.Management@marshalls.co.uk	
Delta Bloc 80-4M (K120) Freestanding Precast Concrete Barrier	N2	W4	В	Marshalls Traffic Management Southowram Halifax HX3 9SY Tel. 0845 3040708 Fax. 0845 3040709 e mail: Traffic.Management@marshalls.co.uk	

Safety Barrier Type	Containment Performance Class	Working Width Class	ASI	Name and Address of Promoter	CE Marked
Marshalls Delta Bloc 65S/6m/K120 Barrier	N2 and H1	W6	В	Marshalls Traffic Management	
System				Southowram	
				Halifax	
				HX3 9SY	
				Tel. 0845 3040708	
				Fax. 0845 3040709	
				e mail: Traffic.Management@marshalls.co.uk	
Marshalls Delta Bloc	N2 and H1	W6	Α	Marshalls	
100 Barrier System				Traffic Management	
				Southowram	
				Halifax	
				HX3 9SY	
				Tel. 0845 3040708	
				Fax. 0845 3040709	
				e mail: Traffic.Management@marshalls.co.uk	
Balmerguard H2	N2 or H2	With post centres at 2.0m the	В	SafeRoad BLG Ltd.	
Safety Fence		Working Width Class is:		Dragonby Vale	
		W1		Enterprise Park	
				Manaberg Way	
				Scunthorpe	
				North Lincolnshire	
				DN15 8XF	
				Tel. 01724 289119	
				e mail: phil.jones@saferoadblg.co.uk	
ESP Profile A, 2m	N2	W4	Α	SafeRoad BLG Ltd.	
post spacing				Dragonby Vale	
				Enterprise Park	
				Manaberg Way	
				Scunthorpe	
				North Lincolnshire	
				DN15 8XF	
				Tel. 01724 289119	
1				e mail: john.smith@saferoadblg.co.uk	

Safety Barrier Type	Containment Performance Class	Working Width Class	ASI	Name and Address of Promoter	CE Marked
SCT 'DUCOS' Single Sided Composite Timber and Steel Class N2 Safety Barrier	N2	With post centres at 4.0m the Working Width Class is: W6	А	S.C.T. srl Via del Brolo, 32 25136 BRESCIA Italy Tel. 0039 030209 2541 e mail: info@sctitalia.com Web site: www.sctitalia.com	
Sistema Steelgard Barrier	H4a	W5	В	Sistema Construction (UK) Ltd. Unit 16 Park Farm Business Centre Fornham St Genevieve Bury St Edmunds Suffolk 1P28 6TS Tel. 01284 701 801 Fax. 01284 701 405 Mobile. 07740 122 982 e mail: enquiries@sistema-construction.com Direct e mail: jferro@sistema-construction.com	
Sistema Steelgard Central Reserve Barrier	N2 and H3	W5	В	Sistema Construction (UK) Ltd. Unit 16 Park Farm Business Centre Fornham St Genevieve Bury St Edmunds Suffolk 1P28 6TS Tel. 01284 701 801 Fax. 01284 701 405 Mobile. 07740 122 982 e mail: enquiries@sistema-construction.com Direct e mail: jferro@sistema-construction.com	

Safety Barrier Type	Containment Performance Class	Working Width Class	ASI	Name and Address of Promoter	CE Marked
Fracasso Type 3n13506 Single Sided Safety Barrier	N2 and H2	W5	В	Sistema Construction (UK) Ltd. Unit 16 Park Farm Business Centre Fornham St Genevieve Bury St Edmunds Suffolk 1P28 6TS Tel. 01284 701 801 Fax. 01284 701 405 Mobile. 07740 122 982 e mail: enquiries@sistema-construction.com Direct e mail: jferro@sistema-construction.com	
Fracasso Type B21300 Double Wave Single Sided Safety Barrier	H1	W6	A	Sistema Construction (UK) Ltd. Unit 16 Park Farm Business Centre Fornham St Genevieve Bury St Edmunds Suffolk 1P28 6TS Tel. 01284 701 801 Fax. 01284 701 405 Mobile. 07740 122 982 e mail: enquiries@sistema-construction.com Direct e mail: jferro@sistema-construction.com	
Sistema MDS H2 Safety Barrier	H2 (With Environmental Barrier)	W7	В	Sistema Construction (UK) Ltd. Unit 16 Park Farm Business Centre Fornham St Genevieve Bury St Edmunds Suffolk IP28 6TS Tel. 01284 701 801 Fax. 01284 701 405 Mobile. 07740 122 982 e mail: enquiries@sistema-construction.com Direct e mail: jferro@sistema-construction.com	

Safety Barrier Type	Containment Performance Class	Working Width Class	ASI	Name and Address of Promoter	CE Marked
N2W2 Safety Fence System	N2	W2	A	Sistema Construction (UK) Ltd. Unit 16 Park Farm Business Centre Fornham St Genevieve Bury St Edmunds Suffolk IP28 6TS Tel. 01284 701 801 Fax. 01284 701 405 Mobile. 07740 122 982 e mail: enquiries@sistema-construction.com Direct e mail: jferro@sistema-construction.com	
S-A-B Class H2 Gate (For emergency and maintenance cross over points)	N2 and H2	W6	A	Snoline spa Via F Baracca 19/23 20056 Trezzo sull' Adda (M1) Italy Tel. +39 02909961 Fax +39 0290996200 e-mail: info@snoline.com Contact: Ms Roberta Gritti	
TSS Softbaer H2 Freestanding Concrete Barrier	H2	W2	С	Technische Sichereits-Systeme (TSS) GmbH Alfred Schutte-Allee 10 D-50679 Cologne Germany Tel. +49 221 980601 Fax. 49 221 9806490 e mail: edouard.cuijpers@tss-koeln.de	
Tubosider 3NTU- brl.16 Class N2 Hardshoulder Safety Barrier	N2	With post centres at 4.0m the Working Width Class is: W5	A	Tubosider UK Ltd 10 Sutton Fold Industrial Estate Off Lancots Lane St. Helens Merseyside WA9 3EX Tel. 01744 452900 Fax. 01744 452949 e mail: Jim.Dwyer@tubosider.co.uk	

Safety Barrier Type	Containment Performance Class	Working Width Class	ASI	Name and Address of Promoter	CE Marked
Tubosider 2NTU- brl.23 Class H1/H2	H1	With post centres at 1.5m the Working Width Class is:	A	Tubosider UK Ltd 10 Sutton Fold Industrial Estate	
Hardshoulder Safety Barrier		W4		Off Lancots Lane St. Helens	
	H2	With post centres at 1.5m the Working Width Class is: W7	А	Merseyside WA9 3EX Tel. 01744 452900 Fax. 01744 452949 e mail: Jim.Dwyer@tubosider.co.uk	

END OF SAFETY BARRIER SECTION - RETURN TO CONTENTS

TEMPORARY SAFETY BARRIERS

The following Temporary Safety Barriers have been successfully tested to meet the requirements of BS EN 1317 -1 and -2 and have been approved for use on the Highways Agency Trunk Road Network for the Containment Performance Class and Working Width Class stated below.

Please note: that all safety barriers must be installed by qualified personnel in accordance with sector scheme 2B.

The Temporary Safety Barriers shall comply with the manufacturers Specification, component descriptions and Installation procedures.

Further information on Impact Severity Levels for the product and copies of documents and drawings can be obtained from the Promoter.

Safety Barrier Type	Containment Performance Class	Working Width Class	ASI	Name and Address of Promoter
System Spengler	H1	W7	В	Ardee Precast Concrete Limited
Transportable Double				Town Parks
Sided Precast				Ardee
Concrete Barrier				Co. Louth
(height 0.81m)				Ireland
				Tel. +353 41 6856372
				Fax. +353 41 6857216
				email: info@ardeeprecastconcrete.com
				Web Site: www.ardeeprecastconcrete.com
Varioguard Double		For a tested length of 60m		Asset International (A Division of Hill and Smith)
Sided Safety Barrier -		between end anchors, and		Springvale Avenue
SYSTEM No. 1		anchored in accordance with the		Bilston
		EN1317 compliant test, the		Wolverhampton
		working width class shall be:		WV14 0QL
	N2	W6	В	
	H2	W8	В	
		Note: For a different		Tel. 01902 499402
		installation length please		Fax. 01902 402104
		contact the Promoter for		e mail: peter@hill-smith.co.uk
		information concerning the		Web Site: www.asset-vrs.co.uk
		Working Width of the system.		

Safety Barrier Type	Containment Performance Class	Working Width Class	ASI	Name and Address of Promoter
Varioguard 'Quick Joint' Steel Safety Barrier - SYSTEM No. 2		For a tested length of 68m between end anchors, and anchored in accordance with the EN1317 compliant test, the working width class shall be:		Asset International (A Division of Hill and Smith) Springvale Avenue Bilston Wolverhampton WV14 0QL
	N2	W6	В	
	H2	W8 Note: For a different installation length please contact the Promoter for information concerning the	В	Tel. 01902 499402 Fax. 01902 402104 e mail: peter@hill-smith.co.uk
SOLOGUARD Emergency and Maintenance Crossing Point System	H2	Working Width of the system. W5	В	Asset International (A Division of Hill and Smith) Springvale Avenue Bilston Wolverhampton WV14 0QL Tel. 01902 499402 Fax. 01902 402104 e mail: peter@hill-smith.co.uk Web Site: www.asset-vrs.co.uk
Varioguard 'Quick Joint' Double Sided Steel Safety Barrier - SYSTEM No. 5	N2	For a tested length of 68m between end anchors, and anchored in accordance with the EN1317 compliant test, the working width class shall be: W5 Note: For a different installation length please	В	Asset International (A Division of Hill and Smith) Springvale Avenue Bilston Wolverhampton WV14 0QL Tel. 01902 499402
		contact the Promoter for information concerning the Working Width of the system.		Fax. 01902 402104 e mail: peter@hill-smith.co.uk Web Site: www.asset-vrs.co.uk

Safety Barrier Type	Containment Performance Class	Working Width Class	ASI	Name and Address of Promoter
Varioguard Double Sided Steel Safety Barrier - SYSTEM No. 3	N2	For a tested length of 88m between end anchors, and anchored in accordance with the EN1317 compliant test, the working width class shall be:	В	Asset International (A Division of Hill and Smith) Springvale Avenue Bilston Wolverhampton WV14 0QL
		Note: For a different installation length please contact the Promoter for information concerning the Working Width of the system.		Tel. 01902 499402 Fax. 01902 402104 e mail: peter@hill-smith.co.uk Web Site: www.asset-vrs.co.uk
Varioguard QM Safety Barrier System	N2	W6	В	Asset International (A Division of Hill and Smith) Springvale Avenue Bilston Wolverhampton WV14 0QL Tel. 01902 499402 Fax. 01902 402104 e mail: peter@hill-smith.co.uk Web Site: www.asset-vrs.co.uk
Delta Bloc 80/4m (K120)	N2	W4	В	Delta Bloc Europa GMBH A-2700 Wiener Neustadt Postfach 154 Austria Tel. +43(0) 57715/470-115 Fax. +43(0) 57715/470-474 email: Thomas.Edl@deltabloc.com

Safety Barrier Type	Containment Performance Class	Working Width Class	ASI	Name and Address of Promoter
Delta Bloc 80AS-	H2	W4	В	Delta Bloc Europa GMBH
R/6m (K180)				A-2700 Wiener Neustadt
				Postfach 154
				Austria
				Tol. +42(0) F774F/470 44F
				Tel. +43(0) 57715/470-115
				Fax. +43(0) 57715/470-474
D 1/ DI 00	110	WO		email: Thomas.Edl@deltabloc.com
Delta Bloc 90	H2	W6	С	Delta Bloc Europa GMBH
Step/6m (K220)				A-2700 Wiener Neustadt
				Postfach 154
				Austria
				Tel. +43(0) 57715/470-115
				Fax. +43(0) 57715/470-474
				email: Thomas.Edl@deltabloc.com
Delta Bloc 100S/6m	H2	W5	А	Delta Bloc Europa GMBH
(K220)				A-2700 Wiener Neustadt
				Postfach 154
				Austria
				Tel. +43(0) 57715/470-115
				Fax. +43(0) 57715/470-474
				email: Thomas.Edl@deltabloc.com
Eurovia Beton 2m	N1	W4	Α	Eurovia Beton
Transportable				12, Avenue du Juillet
Concrete Barrier	Note: Only permitted for use on			91412 Dourdan Cedex
	roads where road works are being			France
	undertaken and a speed limit of			Tel. (33) 01 60815200/(33) 01 64593184
	less than 50 mph is operative.			e mail: fcosani@eurovia.com
				Web site: www.eurovia.com

Safety Barrier Type	Containment Performance Class	Working Width Class	ASI	Name and Address of Promoter
Multibloc 80	N1	W3	В	Hardstaff Barriers
Temporary Vertical	Note: Only permitted for use on			Hardstaff Traffic Barrier Services Ltd
Concrete Barrier	roads where road works are being			Hillside
	undertaken and a speed limit of			Gotham Road
	less than 50 mph is operative.			Kingston-on-Soar
				Nottingham
Multibloc 110	N2	W3	С	NG11 0DF
Freestanding				
Temporary Vertical				Tel. 0115 983 2300
Concrete Barrier				Fax. 0115 983 0087
				e mail: info@hardstaff-barriers.co.uk
				Web site: www.hardstaff-barriers.co.uk
Maxibloc	H4a	W6	С	Hardstaff Barriers
Freestanding				Hardstaff Traffic Barrier Services Ltd
Temporary Higher				Hillside
Vertical Concrete				Gotham Road
Barrier				Kingston-on-Soar
				Nottingham
				NG11 0DF
Maxibloc Recessed	H4a	W2	С	
Temporary Higher				Tel. 0115 983 2300
Vertical Concrete				Fax. 0115 983 0087
Barrier				e mail: info@hardstaff-barriers.co.uk
				Web site: www.hardstaff-barriers.co.uk
Highway Care		For a tested length of 72m		Highway Care Ltd.
BarrierGuard 800		between end anchors, and		The Highlands
		anchored in accordance with the		Detling Hill
		EN1317 compliant test, the		Detling
		working width class shall be:		Maidstone
	N2	W5	Α	Kent
		Note: For a different		ME14 3HT
		installation length please		
		contact the Promoter for		Tel. 01622 734215
		information concerning the		Fax. 01622 735106
		Working Width of the system.		e mail: info@highwaycare.co.uk
				Web site: www.highwaycare.co.uk
	H2	W8	Α	

Safety Barrier Type	Containment Performance Class	Working Width Class	ASI	Name and Address of Promoter
Highway Care BarrierGuard 800 - 12m centres	N2	W2 W2	B	Highway Care Ltd. The Highlands Detling Hill Detling Maidstone Kent ME14 3HT Tel. 01622 734215 Fax. 01622 735106 e mail: info@highwaycare.co.uk Web site: www.highwaycare.co.uk
Highway Care BarrierGuard 800, Minimum Deflection System (MDS)	N2	W2	В	Highway Care Ltd. The Highlands Detling Hill Detling Maidstone Kent ME14 3HT Tel. 01622 734215 Fax. 01622 735106 e mail: info@highwaycare.co.uk Web site: www.highwaycare.co.uk
Quickchange Moveable Barrier (QMB)	N2 H2	W4 W6	В	Highway Care Ltd. The Highlands Detling Hill Detling Maidstone Kent ME14 3HT Tel. 01622 734215 Fax. 01622 735106 e mail: info@highwaycare.co.uk

Safety Barrier Type	Containment Performance Class	Working Width Class	ASI	Name and Address of Promoter
ZoneGuard	N1	W6	В	Hill and Smith Ltd.
				Springvale Avenue
				Bilston
				Wolverhampton
				WV 0QL
				Tel. 01902 499400
				Fax: 01902 499419
				e mail: steve@hill-smith.co.uk
				Web site: www.hill-smith.co.uk
Marshalls Delta Bloc	N1	W4	А	Marshalls
80				Traffic Management
	Note: Only permitted for use on			Southowram
	roads where road works are being			Halifax
	undertaken and a speed limit of			HX3 9SY
	less than 50 mph is operative.			
	· ·			Tel. 0845 3040708
				Fax. 0845 3040709
				e mail: Traffic.Management@marshalls.co.uk
Delta Bloc 80-4M	N2	W4	В	Marshalls
(K180) Freestanding				Traffic Management
Precast Concrete				Southowram
Barrier				Halifax
				HX3 9SY
				Tel. 0845 3040708
				Fax. 0845 3040709
				e mail: Traffic.Management@marshalls.co.uk
Delta Bloc 80-4M	N2	W4	В	Marshalls
(K120) Freestanding				Traffic Management
Precast Concrete				Southowram
Barrier				Halifax
				HX3 9SY
				Tel. 0845 3040708
				Fax. 0845 3040709
				e mail: Traffic.Management@marshalls.co.uk

Safety Barrier Type	Containment Performance Class	Working Width Class	ASI	Name and Address of Promoter
Marshalls Delta Bloc	N2 and H1	W6	В	Marshalls
65S/6m/K120 Barrier				Traffic Management
System				Southowram
				Halifax
				HX3 9SY
				Tel. 0845 3040708
				Fax. 0845 3040709
				e mail: Traffic.Management@marshalls.co.uk
Marshalls Delta Bloc	N2 and H1	W6	Α	Marshalls
100 Barrier System				Traffic Management
				Southowram
				Halifax
				HX3 9SY
				Tel. 0845 3040708
				Fax. 0845 3040709
				e mail: Traffic.Management@marshalls.co.uk
NMS Civil	N2	W3	С	NMS Civil Engineering Limited
Engineering N2TCB				Park Industrial Estate
Freestanding Precast				Liverpool Road
Concrete Barrier				Ashton-in Makerfield
				Wigan
				Greater Manchester
				WN4 0YU
				Tel. 01942 722694
				e mail: Geoff@nmsltd.co.uk
RB22 Water Filled	N1	W7	Α	Oaklands Plastics Ltd
Barrier				Station Road
	Note: Only permitted for use on			Coleshill
	roads where road works are being			Birmingham
	undertaken and a speed limit of			B46 1HT
	less than 50 mph is operative.			Tel. 01675 466321
				email: enquiries@oaklandsplastics.com

Safety Barrier Type	Containment Performance Class	Working Width Class	ASI	Name and Address of Promoter
Vulcan Safety Barrier	N2	W6	А	Quixote Europe Inc
				Crown House
	H2	W8	Α	Crown Street
				Ipswich
				Suffolk
				IP1 3HS
				Tel. 01473 22 11 05
				Fax: 01473 22 11 06
				e mail: europe.sales@quixotecorp.com
				Web site: www.energyabsorption.com
Rhino Polyethylene	N1	W8	Α	Rhino Barrier Systems Ltd.
Water Filled Barrier				Equinox 1
	Note: Only permitted for use on			Audby Lane
	roads where road works are being			Wetherby
	undertaken and a speed limit of			West Yorkshire
	less than 50 mph is operative.			LS22 7RD
				Tel. 01937 583333
				Fax. 01937 58322
				e mail: sales@polyjohn.co.uk
				Web Site: www.rhinobarriers.com
Varioguard 'Quick		For a tested length of 68m		SafeRoad BLG
Joint' H2 Double		between end anchors, and		Dragonby Vale
Sided Steel Safety		anchored in accordance with the		Enterprise Park
Barrier		EN1317 compliant test, the		Manaberg Way
		working width class shall be:		Scunthorpe
	H2	W8	В	North Lincolnshire
				DN15 8XF
		Note: For a different		Tel. 01724 289119
		installation length please		e mail: martin.hall@saferoadblg.co.uk
		contact the Promoter for		
		information concerning the		
		Working Width of the system.		

Safety Barrier Type	Containment Performance Class	Working Width Class	ASI	Name and Address of Promoter
Freestanding Varioguard with Quick Joints H2 Double Sided Steel Safety Barrier	N2 H2	For a tested length of 64m between end anchors, and anchored in accordance with the EN1317 compliant test, the working width class shall be:	A B	SafeRoad BLG Ltd. Dragonby Vale Enterprise Park Manaberg Way Scunthorpe North Lincolnshire DN15 8XF Tel. 01724 289119 e mail: phil.jones@saferoadblg.co.uk
Advanced Varioguard N2 Double Sided Steel Safety Barrier	N2	For a tested length of 64m between end anchors, and anchored in accordance with the EN1317 compliant test, the working width class shall be: W6 Note: For a different installation length please contact the Promoter for information concerning the Working Width of the system.	В	SafeRoad BLG Ltd. Dragonby Vale Enterprise Park Manaberg Way Scunthorpe North Lincolnshire DN15 8XF Tel. 01724 289119 e mail: phil.jones@saferoadblg.co.uk

END OF TEMPORARY SAFETY BARRIER SECTION - RETURN TO CONTENTS

PARAPETS

The following Parapets have been successfully tested to meet the requirements of BS EN 1317 -1 and -2 and have been approved for use on the Highways Agency Trunk Road Network for the Containment Performance Class and Working Width Class stated below.

Please note: that all parapets must be installed by qualified personnel in accordance with sector scheme 5B.

The parapets shall comply with the manufacturers Specification, component descriptions and Installation procedures.

Further information on Impact Severity Levels for the product and copies of documents and drawings can be obtained from the Promoter.

Parapet Type	Containment Performance Class	Working Width Class	ASI	Name and Address of Promoter	CE Marked
BPL Aluminium	N2	W4	В	Bridge Parapets Ltd	
Parapet System				Tomich Industrial Estate	
				Muir of Ord	
				Ross-Shire	
				Scotland	
				IV6 7UA	
				Tel. (01463) 870194	
				e mail:sales@bridge-parapets.com	
BPL 200 Aluminium	N2	W3	С	Bridge Parapets Ltd	
Parapet System				Tomich Industrial Estate	
				Muir of Ord	
				Ross-Shire	
				Scotland	
				IV6 7UA	
				Tel. (01463) 870194	
				e mail:sales@bridge-parapets.com	
Protect 365 N2	N2	With post centres at 2.5m the	В	Corus Tubes	
parapet		Working Width Class is:		PO Box 101	
		W3		Weldon Road	
(formerly				Corby	
Corus HBP 300 N2		With post centres at 3.75m the	В	Northants	
Steel Parapet)		Working Width Class is:		NN17 5UA	
		W4		Tel. 01536 402121	
				e mail: corustubes@corusgroup.com	
		Note: For intermediate post		Web site: www.steelparapets.com	
		positions the			
		manufacturer/Promoter will be			
		responsible for declaring the			
		working width.			

Parapet Type	Containment Performance Class	Working Width Class	ASI	Name and Address of Promoter	CE Marked
Protect 365 H4a	H4a	With post centres at 2.5m the	В	Corus Tubes	
Parapet		Working Width Class is:		PO Box 101	
		W4		Weldon Road	
(formerly				Corby	
Corus Tubes Celsius		With post centres at 3.75 m the		Northants	
HBP 300 H4a Steel		Working Width Class is:		NN17 5UA	
Parapet)		W4		Tel. 01536 402121	
				e mail: corustubes@corusgroup.com	
				Web site: www.steelparapets.com	
Protect 365 N1	N1	With post centres at 2.5m the	Α	Corus Tubes	
Parapet		Working Width Class is:		PO Box 101	
·	Note: Only permitted for use on	W1		Weldon Road	
(formerly	roads where a speed limit of less			Corby	
Corus Protect 365 N1	than 50 mph is operative.	With post centres at 3.75 m the	Α	Northants	
3 Rail Steel Parapet)		Working Width Class is:		NN17 5UA	
. ,		W2		Tel. 01536 402121	
				e mail: corustubes@corusgroup.com	
				Web site: www.steelparapets.com	
Protect 365 N1	N1	With post centres at 2.5m the	Α	Corus Tubes	
Vertical Infill Steel		Working Width Class is:		PO Box 101	
Parapet	Note: Only permitted for use on	W1		Weldon Road	
·	roads where a speed limit of less			Corby	
	than 50 mph is operative.	With post centres at 3.75 m the	Α	Northants	
		Working Width Class is:		NN17 5UA	
		W1		Tel. 01536 402121	
				e mail: corustubes@corusgroup.com	
				Web site: www.steelparapets.com	
IMEVA H2 Steel	H2	With post centres at 3.0m the	Α	Francesco Tessari	
Parapet		Working Width Class is:		IMEVA	
		W5		82 100 Benevento	
				Localita Ponte Valentino	
				Area Industriale ASI	
				Zona 75	
				Italy	
				Tel. 0039 08 24481211	
				e mail: f.tessari@imeva.it	

Parapet Type	Containment Performance Class	Working Width Class	ASI	Name and Address of Promoter	CE Marked
Sistema Steelgard Barrier	H4a	W5	В	Sistema Construction (UK) Ltd. Unit 16 Park Farm Business Centre	
				Fornham St Genevieve	
				Bury St Edmunds	
				Suffolk	
				1P28 6TS	
				Tel. 01284 701 801	
				Fax. 01284 701 405	
				Mobile. 07740 122 982	
				e mail: enquiries@sistema-construction.com	
				Direct e mail: jferro@sistema-construction.com	
VGAN 1000 N2	N2	W2	В	Varley and Gulliver Ltd	
Aluminium Parapet				Alfred Street	
				Sparkbrook	
				Birmingham	
				B12 8JR	
				Tel. (0121) 773 2441	
				e mail: darren@v-and-g.co.uk	
VGSN 1000 N2 Steel	N2	W1	В	Varley and Gulliver Ltd	
Parapet				Alfred Street	
				Sparkbrook	
				Birmingham	
				B12 8JR	
				Tel. (0121) 773 2441	
				e mail: darren@v-and-g.co.uk	
VGSN 900 N2 Steel	N2	W2	С	Varley and Gulliver Ltd	
Parapet				Alfred Street	
				Sparkbrook	
				Birmingham	
				B12 8JR	
				Tel. (0121) 773 2441	
				e mail: darren@v-and-g.co.uk	
VGSN 500 N1 Steel	N1	W1	Α	Varley and Gulliver Ltd	
Parapet				Alfred Street	
	Note: Only permitted for use on			Sparkbrook	
	roads where a speed limit of less			Birmingham	
	than 50 mph is operative.			B12 8JR	
				Tel. (0121) 773 2441	
				e mail: darren@v-and-g.co.uk	

Parapet Type	Containment Performance Class	Working Width Class	ASI	Name and Address of Promoter	CE Marked
VGAN 500 N1 Aluminium Parapet	Note: Only permitted for use on roads where a speed limit of less than 50 mph is operative.	W2	А	Varley and Gulliver Ltd Alfred Street Sparkbrook Birmingham B12 8JR Tel. (0121) 773 2441 e mail: darren@v-and-g.co.uk	
VGSH 2000 H2 Steel Parapet	H2	With post centres at 2.0m the Working Width Class is: W3	В	Varley and Gulliver Ltd Alfred Street Sparkbrook Birmingham B12 8JR Tel. (0121) 773 2441 e mail: darren@v-and-g.co.uk	
Varley and Gulliver Steel V6Guard H4a Parapet	H4a	With post centres at 1.5m the Working Width Class is: W3	В	Varley and Gulliver Ltd Alfred Street Sparkbrook Birmingham B12 8JR Tel. (0121) 773 2441 e mail: darren@v-and-g.co.uk	

END OF PARAPET SECTION - RETURN TO CONTENTS

TERMINALS

The following Terminals for safety barriers have been successfully tested to meet the requirements of DD ENV 1317 - 4 and have been approved for use on the Highways Agency Trunk Road Network for the Performance Class and Permanent Lateral Displacement Zone (PLDZ) Class Code stated below.

The Terminals shall comply with the manufacturers Specification, component descriptions and Installation procedures.

Please note: that all safety barriers must be installed by qualified personnel in accordance with sector scheme 2B.

Additional information on Exit Box and Impact Severity Levels for the product and copies of documents and drawings can be obtained from the Promoter.

Installers shall have successfully undertaken suitable training for the system to be installed.

Note: please refer to Table 6, DD ENV 1317 - 4 for PLDZ and Class Codes for terminals. The values of Displacement (measured in metres) Da and Dd are converted to Class Code x and y. Therefore Class Code D1.1 (where 'D' is displacement) represents 0.5m displacement (x), measured from the traffic face of the barrier to the rear of the barrier. D1.3 represents a displacement of 0.5m in front of the barrier and 3.5m to the rear of the barrier.

Terminal Type	Performance Class	PLDZ Class Code	ASI	Name and Address of Promoter	Comments
Brifen P4 Wire Rope	P4	D.1.1	Α	Brifen (A Division of Hill and Smith)	For use on roads with a speed
End Terminal for				Springvale Avenue	limit of 50mph or more.
Brifen 4 Rope Safety				Bilston	
Fence				Wolverhampton	
				WV14 OQL	Please contact the Promoter on
					the restrictions of use for this
				Tel. 01902 499400	Terminal.
				Fax. 01902 499419	
				e mail: eng@brifen.co.uk	
Brifen P4 Wire Rope	P4	D.1.1	А	Brifen (A Division of Hill and Smith)	For use on roads with a speed
End Terminal for				Springvale Avenue	limit of 50mph or more.
Brifen 3 Rope Safety				Bilston	
Fence				Wolverhampton	
				WV14 OQL	Please contact the Promoter on
					the restrictions of use for this
				Tel. 01902 499400	Terminal.
				Fax. 01902 499419	
				e mail: eng@brifen.co.uk	

Terminal Type	Performance Class	PLDZ Class Code	ASI	Name and Address of Promoter	Comments
Corus Vetex P1 End	P1	D.1.1	Α	Corus CEP	For use on Highways Agency
Terminal				Corus Distribution & Building Systems	roads where the mandatory
				Llanwern Works	speed limit is less than 50mph. In
				Newport	addition can be used on the
				NP19 4QZ	departure end of a safety barrier
					where the terminal does not face
				Tel. 01633 290011 (CEP Sales)	oncoming traffic and the speed
				e mail: saferoads@corusgroup.com	limit is 50mph or more.
Xtension 110	P4	D.1.1	В	Highway Care Ltd.	For use on roads with a speed
Terminal				The Highlands	limit of 50mph or more.
				Detling Hill	
				Detling	Please contact the Promoter on
				Maidstone	the restrictions of use for this
				Kent	Terminal.
				ME14 3HT	
				Tel. 01622 734215	
				Fax. 01622 735106	
				e mail: info@highwaycare.co.uk	
				Web site: www.highwaycare.co.uk	
ABC Terminal	P4	D.1.1	В	Hill and Smith Ltd.	For use in the Verge and Central
				Springvale Business and Industrial Park	Reserve for single sided
				Bilston	applications only and on roads
				Wolverhampton	with a speed limit of 50mph or
				WV14 0QL	more.
				Tel. 01902 499400	
				Fax. 01902 499419	
				e mail: barrier@hill-smith.co.uk	
Trinity Euro ET End	P4	D.1.3	Α	Hill and Smith Ltd.	For use in the Verge only on
Terminal	Г4	D.1.3	A	Springvale Avenue	roads with a speed limit of
Terminal				Bilston	50mph or more.
				Wolverhampton	Sompil of more.
				WV14 0QL	
				WW 14 OQL	
				Tel. 01902 499400	
				Fax. 01902 499419	
				e mail: barrier@hill-smith.co.uk	
				o main partiol offin offinitioo.un	

Terminal Type	Performance Class	PLDZ Class Code	ASI	Name and Address of Promoter	Comments
Flex-Beam Double	P1	D.1.1	Α	Hill and Smith Ltd.	For use on Highways Agency
Sided P1 End				Springvale Avenue	roads where the mandatory
Terminal				Bilston	speed limit is less than 50mph. In
				Wolverhampton	addition can be used on the
				WV 0QL	departure end of a safety barrier
					where the terminal does not face
				Tel. 01902 499400	oncoming traffic and the speed
				Fax: 01902 499419	limit is 50mph or more.
				e mail: steve@hill-smith.co.uk	
				Web site: www.hill-smith.co.uk	
Flex-Beam Single	P1	D.1.1	Α	Hill and Smith Ltd.	For use on Highways Agency
Sided P1 End				Springvale Avenue	roads where the mandatory
Terminal				Bilston	speed limit is less than 50mph. In
				Wolverhampton	addition can be used on the
				WV 0QL	departure end of a safety barrier
					where the terminal does not face
				Tel. 01902 499400	oncoming traffic and the speed
				Fax: 01902 499419	limit is 50mph or more.
				e mail: steve@hill-smith.co.uk	
				Web site: www.hill-smith.co.uk	
Hill and Smith 'Safety	P1	D.1.1	Α	Hill and Smith Ltd.	For use on Highways Agency
Line' Wire Rope				Springvale Avenue	roads where the mandatory
Safety Fence				Bilston	speed limit is less than 50mph. In
Terminal				Wolverhampton	addition can be used on the
				WV 0QL	departure end of a safety barrier
				Tel. 01902 499400	where the terminal does not face
				Fax: 01902 499419	oncoming traffic and the speed
				e mail: steve@hill-smith.co.uk	limit is 50mph or more.
				Web site: www.hill-smith.co.uk	

Terminal Type	Performance Class	PLDZ Class Code	ASI	Name and Address of Promoter	Comments
Trinity Euro BXT	P4	D.1.2	В	Hill and Smith Ltd.	
Terminal				Springvale Avenue	
				Bilston	
				Wolverhampton	
				WV14 0QL	
				Tel. 01902 499400	
				Fax. 01902 499419	
				e mail: barrier@hill-smith.co.uk	

Terminals detailed in the NPSBS are deemed acceptable for use on the Highways Agency Trunk Road Network on roads with a speed limit less than 50 mph. In addition the terminals can be used on the departure end of safety barriers where the terminal does not face oncoming traffic and the speed limit is 50mph or more.

These terminals do not need a Departure from Standard submission, as they have proven in-service use over a number of years. Please contact the Promoter's of DROBB, OBB and TCB listed in the Safety Barrier section for further information. Installers shall have successfully undertaken suitable training for the system to be installed.

END OF TERMINAL SECTION - RETURN TO CONTENTS

LORRY MOUNTED CRASH CUSHIONS

The following Lorry Mounted Crash Cushions (LMCC) meet the requirements of TD 49/07 and hence, have demonstrated compliance with a 1500kg car impact at the speed of the performance class. They may be used on the Highway Agency Trunk Road Network provided that a special dispensation order known as a Vehicle Special Order (VSO) is obtained from the Department for Transport.

In addition a Vehicle Inspectorate Form VTG 10 will need to be fitted if the LMCC is fitted with an auto impact brake system.

The LMCC shall comply with the manufacturers Specification, component descriptions and Installation procedures. Copies of documents and drawings can be obtained from the Promoter.

Vehicle Attenuators	Name and Address of Promoter
Scorpion Lorry Mounted Crash	Acklea Ltd.
Cushion	Unit 1
(For use on roads with a	Clark Avenue
speed limit of 70mph or less)	Porte Marsh Industrial Estate
	Clane
	Wiltshire
	SN11 9RD
	Tel. 01249 822 600
	Fax. 01249 820 111
	email: acklealtd@yahoo.co.uk
Trinity MPS-350 Lorry Mounted	King Highway Products Ltd.
Crash Cushion	Eriverside
(For use on roads with a	Market Harborough
speed limit of 70mph or less)	Leicestershire
	LE16 7PX
	Tel. 08707 475969
	Fax. 08707 475970
	email: sales@traiload.co.uk

Lorry Mounted Crash Cushions LMCC 42 September 2009

Vehicle Attenuators	Name and Address of Promoter
Vorteq Trailer	Quixote Europe, Inc - represented by:
(For use on roads with a	King Highway Products Ltd.
speed limit of 70mph or less)	Eriverside
	Market Harborough
	Leicestershire
	LE16 7PX
	Tel. 08707 475969
	Fax. 08707 475970
	email: sales@traiload.co.uk
SafeStop Lorry Mounted Crash	Quixote Europe, Inc - represented by:
Cushion	King Highway Products Ltd.
(For use on roads with a	Eriverside
speed limit of 70mph or less)	Market Harborough
	Leicestershire
	LE16 7PX
	Tel. 08707 475969
	Fax. 08707 475970
	email: sales@traiload.co.uk

END OF LORRY MOUNTED CRASH CUSHION SECTION - RETURN TO CONTENTS

TRANSITIONS

The following Transition have been successfully tested to meet the requirements of ENV 1317 - 4 and has been approved for use on the Highways Agency Trunk Road Network for the Containment Performance Class and Working Width Class stated below. The Transition shall comply with the manufacturers Specification, component descriptions and Installation procedures. Further information on Impact Severity Levels for the product and copies of documents and drawings can be obtained from the Promoter. Installers shall have successfully undertaken suitable training for the system to be installed.

Transion Type	Containment Performance Class	Working Width Class	ASI	Name and Address of Promoter
Varioguard Transition	N2	W2	В	Asset International (A Division of Hill and Smith)
(Transition between				Springvale Avenue
Varioguard and				Bilston
Safety Barrier)				Wolverhampton
				WV14 0QL
				Tel. 01902 499402
				Fax. 01902 402104
				e mail: peter@hill-smith.co.uk
				Web Site: www.asset-vrs.co.uk
BRITRANS' Open	N2	W6	А	Brifen (A Division of Hill and Smith)
Box Beam to Wire				Springvale Avenue
Rope Safety Fence				Bilston
Transition				Wolverhampton
				WV14 OQL
				Tel. 01902 499400
				Fax. 01902 499419
				e mail: eng@brifen.co.uk

Transion Type	Containment Performance Class	Working Width Class	ASI	Name and Address of Promoter
Vetex N2W2 Safety	N2	W3	В	Corus CEP
Fence to Protect 365				Corus Distribution & Building Systems
N2W3 or N2W4				Llanwern Works
Transition				Newport
				NP19 4QZ
				Tel. 01633 290011 (CEP Sales)
				e mail: saferoads@corusgroup.com
Protect 365 N2 Safety	N2	W3	В	Corus Tubes
Fence to Protect 365				PO Box 101
N2 Parapet transition				Weldon Road
·				Corby
				Northants
				NN17 5UA
				Tel. 01536 402121
				e mail: corustubes@corusgroup.com
Protect 365 H4a	N2	W2	В	Corus Tubes
Parapet to Protect				PO Box 101
365 N2 Parapet				Weldon Road
Transition				Corby
				Northants
				NN17 5UA
				Tel. 01536 402121
				e mail: corustubes@corusgroup.com
Vetex N2 Safety	N2	W2	В	Corus Tubes
Fence to Protect 365				PO Box 101
N2 Safety Fence				Weldon Road
Transition				Corby
				Northants
				NN17 5UA
				Tel. 01536 402121
				e mail: corustubes@corusgroup.com

Transion Type	Containment Performance Class	Working Width Class	ASI	Name and Address of Promoter
DB SafeLink	H2	W4	С	Delta Bloc Europa GMBH
Transition (DB100S				A-2700 Wiener Neustadt
to DB90 Step)				Postfach 154
				Austria
				Tol. : 42(0) F774F/470 44F
				Tel. +43(0) 57715/470-115
				Fax. +43(0) 57715/470-474
T (1 440 NO	N/A	14/0	<u> </u>	email: Thomas.Edl@deltabloc.com
Tranzflex 110 N2	N1	W2	В	Hill and Smith Ltd.
Flexbeam to N1 W1				Springvale Avenue
VGSN 500 Parapet				Bilston
Transition				Wolverhampton
				WV 0QL
				Tel. 01902 499400
				Fax: 01902 499419
				e mail: steve@hill-smith.co.uk
				Web site: www.hill-smith.co.uk
Tranzflex 120 N2	N2	W2	В	Hill and Smith Ltd.
Flexbeam to N2 W1			_	Springvale Avenue
VGSN 1000 Parapet				Bilston
Transition				Wolverhampton
				WV 0QL
				Tel. 01902 499400
				Fax: 01902 499419
				e mail: steve@hill-smith.co.uk
				Web site: www.hill-smith.co.uk
Tranzflex 130 N2	N1	W2	В	Hill and Smith Ltd.
Flexbeam to N1 W2				Springvale Avenue
VGAN 500 Parapet				Bilston
Transition				Wolverhampton
				WV 0QL
				Tel. 01902 499400
				Fax: 01902 499419
				e mail: steve@hill-smith.co.uk
				Web site: www.hill-smith.co.uk

Transion Type	Containment Performance Class	Working Width Class	ASI	Name and Address of Promoter
Tranzflex 140 N2	N2	W2	В	Hill and Smith Ltd.
Flexbeam to N2 W2				Springvale Avenue
VGAN 1000 Parapet				Bilston
Transition				Wolverhampton
				WV 0QL
				Tel. 01902 499400
				Fax: 01902 499419
				e mail: steve@hill-smith.co.uk
				Web site: www.hill-smith.co.uk
Tranzflex 150 N2	N2	W2	Refer to	Hill and Smith Ltd.
Flexbeam to H2 W3			Promotor	Springvale Avenue
VGSH 2000 Parapet				Bilston
Transition				Wolverhampton
				WV 0QL
				Tel. 01902 499400
				Fax: 01902 499419
				e mail: steve@hill-smith.co.uk
				Web site: www.hill-smith.co.uk
Tranzflex 160 N2	N2	W2	Refer to	Hill and Smith Ltd.
Flexbeam to H4a W3	INZ	VVZ	Promotor	Springvale Avenue
V6Guard Parapet			1 TOTTIOLOI	Bilston
Transition				Wolverhampton
Transilion				WV 0QL
				WV OQL
				Tel. 01902 499400
				Fax: 01902 499419
				e mail: steve@hill-smith.co.uk
				Web site: www.hill-smith.co.uk

Transion Type	Containment Performance Class	Working Width Class	ASI	Name and Address of Promoter
Tranzflex 200 N2 W4 Double sided FlexBeam to H2 W5 Double sided Bri-Flex Transition	N2	W3	В	Hill and Smith Ltd. Springvale Avenue Bilston Wolverhampton WV 0QL Tel. 01902 499400 Fax: 01902 499419 e mail: steve@hill-smith.co.uk
Balmerflex Transition (H2W1 Balmerguard parapet to N2W4 safety fence)	N2	W4	В	Web site: www.hill-smith.co.uk SafeRoad BLG Ltd. Dragonby Vale Enterprise Park Mannaberg Way Scunthorpe North Lincolnshire DN15 8XF Tel. 01724 289119 Fax. 01724 281478 email: john.smith@saferoadblg.co.uk
TSS Vario - Transition between German B-profile safety fence and TSS Softbaer concrete barrier	H2	W5	В	Technische Sichereits-Systeme (TSS) GmbH Alfred Schutte-Allee 10 D-50679 Cologne Germany Tel. +49 221 980601 Fax. 49 221 9806490 e mail: edouard.cuijpers@tss-koeln.de

Transitions detailed in the NPSBS (Revision 1) are deemed acceptable for use on the Highways Agency Trunk Road Network, without the need for a Departure from Standard submission, as they have proven in-service use over a number of years. Please contact Promoter's of DROBB, OBB and TCB listed in the Safety Barrier Section for further information.

END OF TRANSITION SECTION - RETURN TO CONTENTS

MISCELLANEOUS

The following products have been accepted for use on the Highways Agency Road Network.

Product	Comments	ASI	Name and Address of Promoter
BIKEGUARD	BIKEGUARD may be fitted to any UK system	Α	Highway Care Ltd.
(Motorcyclist Protection System	listed in the Non-Proprietary Safety Barrier		The Highlands
fitted to safety barriers)	Systems (NPSBS). It may also be fitted to		Detling Hill
	any other system in the Highways Agency		Detling
	Approved Road Restraint System List		Maidstone
	providing that Highway Care Limited first		Kent
	obtains the approval of the		ME14 3HT
	Promoter/Manufacturer of the safety barrier		
	system BIKEGUARD is to be attached to.		Tel. 01622 734215
			Fax. 01622 735106
			e mail: info@highwaycare.co.uk
			Web site: www.highwaycare.co.uk
FlexGuard	Motorcyclist Protection System fitted to	As per the host	Hill and Smith Ltd.
(Motorcyclist Protection System	FlexBeam/FlexBeam Plus (both single and	safety barrier	Springvale Avenue
fitted to safety barriers)	double sided versions of these systems), the		Bilston
	Hill and Smith H1/H2 safety barrier, and the		Wolverhampton
	Briflex vehicle restraint system.		WV 0QL
			Tel. 01902 499400
			Fax: 01902 499419
			e mail: steve@hill-smith.co.uk
			Web site: www.hill-smith.co.uk

END OF MISCELLANEOUS SECTION - RETURN TO CONTENTS

CRASH CUSHIONS

The following Crash Cushions have been successfully tested to meet the requirements of BS EN 1317 - 3 and have been approved for use on the Highways Agency Trunk Road Network for the Performance Level and Zone Classes stated below.

Please note: that all safety barriers must be installed by qualified personnel in accordance with sector scheme 2B.

The Crash Cushions shall comply with the manufacturers Specification, component descriptions and Installation procedures. Copies of documents and drawings can be obtained from the Promoter.

Crash Cushion	Performance Level	Zone Classes	ASI	Name and Address of Promoter	CE Marked
Euro - Tracc Re-Directional	110kph	Re - Direction Zone Class - Z1	А	Asset International (A Division of Hill and Smith)	
and Bi-Directional Crash				Springvale Avenue	
Cushion		Lateral Displacement Zone Class - D1		Bilston	
	(For use on roads with			Wolverhampton	
	a speed limit greater			WV14 0QL	
	than 50mph)				
				Tel. 01902 499402	
				Fax. 01902 402104	
				e mail: peter@hill-smith.co.uk	
				Web Site: www.asset-vrs.co.uk	
Vecu-Stop Re-Directional	110kph	Re - Direction Zone Class - Z4	В	Asset International (A Division of Hill and Smith)	
and Uni-Directional Crash				Springvale Avenue	
Cushion - Model 2.14P and	(For use on roads with	Lateral Displacement Zone Class - D1		Bilston	
Model 4.14T	a speed limit greater			Wolverhampton	
	than 50mph)			WV14 0QL	
				Tel. 01902 499402	
				Fax. 01902 402104	
				e mail: peter@hill-smith.co.uk	
				Web Site: www.asset-vrs.co.uk	
Vecu-Stop Re-Directional	100kph	Re - Direction Zone Class - Z4	В	Asset International (A Division of Hill and Smith)	
and Bi-Directional Crash				Springvale Avenue	
Cushion - Model 2.13P	(For use on roads with	Lateral Displacement Zone Class - D1		Bilston	
	a speed limit of 50mph			Wolverhampton	
	or less)			WV14 0QL	
				Tel. 01902 499402	
				Fax. 01902 402104	
				e mail: peter@hill-smith.co.uk	
				Web Site: www.asset-vrs.co.uk	

Crash Cushion	Performance Level	Zone Classes	ASI	Name and Address of Promoter	CE Marked
Quadguard Re-Directional and Bi-Directional Crash	110kph	Re - Direction Zone Class - Z1	В	Asset International (A Division of Hill and Smith) Springvale Business and Industrial Park	YES
Cushion (6 No. Energy		Lateral Displacement Zone Class - D1		Bilston	
absorbing cells)	(For use on roads with			Wolverhampton	
	a speed limit greater			WV14 0QL	
	than 50mph)				
				Tel. 01902 499402	
				Fax. 01902 402104	
				e mail: Customer-Enquiry@asset.com	
Quadguard Re-Directional	100kph	Re - Direction Zone Class - Z1	В	Web Site: www.asset-vrs.co.uk Asset International (A Division of Hill and Smith)	YES
and Bi-Directional Crash	тоокрп	Re - Direction Zone Class - Z1	В	Springvale Business and Industrial Park	TES
Cushion (4 No. Energy	/ For you on roads with	Lateral Displacement Zone Class - D1		Bilston	
absorbing cells)	a speed limit of 50mph			Wolverhampton	
absorbing cens)	or less)			WV14 0QL	
	Of less)			WWIFOGE	
				Tel. 01902 499402	
				Fax. 01902 402104	
				e mail: Customer-Enquiry@asset.com	
				Web Site: www.asset-vrs.co.uk	
Quest Bi-Directional and Re-	110kph	Re - Direction Zone Class - Z2	В	Asset International (A Division of Hill and Smith)	YES
Directional Crash Cushion	'			Springvale Business and Industrial Park	
	(For use on roads with	Lateral Displacement Zone Class - D2		Bilston	
	a speed limit greater	·		Wolverhampton	
	than 50mph)			WV14 0QL	
				Tel. 01902 499402	
				Fax. 01902 402104	
				e mail: Customer-Enquiry@asset.com	
				Web Site: www.asset-vrs.co.uk	
TAU Bi-Directional and Re-	100kph	Re - Direction Zone Class - Z1	В	Highway Care Ltd.	
Directional family of Crash	l			The Highlands	
Cushions	1 -	Lateral Displacement Zone Class - D1		Detling Hill	
	a speed limit of 50mph			Detling	
	or less)			Maidstone	
				Kent	
				ME14 3HT	
				Tol. 04600 724045	
				Tel. 01622 734215 Fax. 01622 735106	
				e mail: info@highwaycare.co.uk	
	1			Web site: www.highwaycare.co.uk	

Crash Cushion	Performance Level	Zone Classes	ASI	Name and Address of Promoter	CE Marked
TAU-B Bi-Directional and Re-	110kph	Re - Direction Zone Class - Z1	В	Highway Care Ltd.	
Directional Family of Crash				The Highlands	
Cushions	(For use on roads with	Lateral Displacement Zone Class - D1		Detling Hill	
	a speed limit greater			Detling	
	than 50mph)			Maidstone	
				Kent	
				ME14 3HT	
				Tel. 01622 734215	
				Fax. 01622 735106	
				e mail: info@highwaycare.co.uk	
				Web site: www.highwaycare.co.uk	

END OF CRASH CUSHION SECTION - RETURN TO CONTENTS

SAFETY BARRIER GATES

The following Safety Barrier Gates have been successfully tested to meet the requirements of BS EN 1317-1 and 2 and DD ENV 1317-4 and have been approved for use on the Highways Agency Trunk Road Network for the Containment Performance Class and Working Width Class stated below.

The Safety Barrier Gates shall comply with the manufacturers Specification, component descriptions and Installation procedures. Further information on Impact Severity Levels for the product and copies of documents and drawings can be obtained from the Promoter.

Installers shall have successfully undertaken suitable training for the system to be installed.

Safety Barrier Gate	Containment Performance Class	Working Width Class	ASI	Name and Address of Promoter
SOLOGUARD	H1	W5	В	Asset International (A Division of Hill and Smith)
Emergency and				Springvale Avenue
Maintenance				Bilston
Crossing Point				Wolverhampton
System				WV14 0QL
				Tel. 01902 499402
				Fax. 01902 402104
				e mail: peter@hill-smith.co.uk
				Web Site: www.asset-vrs.co.uk
Gateguard Removal	H2	W7	В	SafeRoad BLG Ltd.
Barrier System				Dragonby Vale
•				Enterprise Park
				Manaberg Way
				Scunthorpe
				North Lincolnshire
				DN15 8XF
				Tel. 01724 289119
I				e mail: phil.jones@saferoadblg.co.uk

Safety Barrier Gate	Containment Performance Class	Working Width Class	ASI	Name and Address of Promoter
S-A-B Class H2 Gate	N2 and H2	W6	Α	Snoline spa, represented by:
(For emergency and				Highway Care Ltd.
maintenance cross				The Highlands
over points)				Detling Hill
				Detling Hill
				Maidstone
				Kent
				ME14 3HT
				Tel. 01622 734215
				Fax. 01622 735106
				e mail: info@highwaycare.co.uk
				Web site: www.highwaycare.co.uk

The following Safety Barrier Gates have the same profile and performance characteristics of their compliant BS EN 1317 safety barriers which have been tested to meet the requirements of BS EN 1317 - 1 and 2 and are deemed acceptable for use on the Highways Agency Trunk Road Network for the Containment Performance Class and Working Width Class stated below. The Safety Barrier Gates shall comply with the manufacturers Specification, component descriptions and Installation procedures. Further information on Impact Severity Levels for the product and copies of documents and drawings can be obtained from the Promoter.

Steel Step Corridor	H2	W2	Refer to	Asset International (A Division of Hill and Smith)
System (For			Promoter	Springvale Avenue
Emergency and				Bilston
Maintenance				Wolverhampton
Crossing Points)				WV14 0QL
				Tel. 01902 499402
				Fax. 01902 402104
				e mail: peter@hill-smith.co.uk
				Web Site: www.asset-vrs.co.uk

Safety Barrier Gate	Containment Performance Class	Working Width Class	ASI	Name and Address of Promoter
Steel Step Barrier	H2	W2	Refer to	Britpave
Gate (For Emergency			Promoter	Riverside House
and Maintenance				4 Meadows Business Park
Crossing Points)				Station Approach
				Blackwater
				Camberley
				Surrey
				GU17 9AB
				Tel. 01276 33160
				Fax. 01276 33170
				e mail: info@britpave.org.uk
				Web site: www.britpave.org.uk
Barrierguard 800	N2	W5	Refer to	Highway Care Ltd.
Gate (For Emergency			Promoter	The Highlands
and Maintenance	H2	W8		Detling Hill
Crossing Points)				Detling
				Maidstone
				Kent
				ME14 3HT
				Tel. 01622 734215
				Fax. 01622 735106
				e mail: info@highwaycare.co.uk
				Web site: www.highwaycare.co.uk

END OF SAFETY BARRIER GATE SECTION - RETURN TO CONTENTS