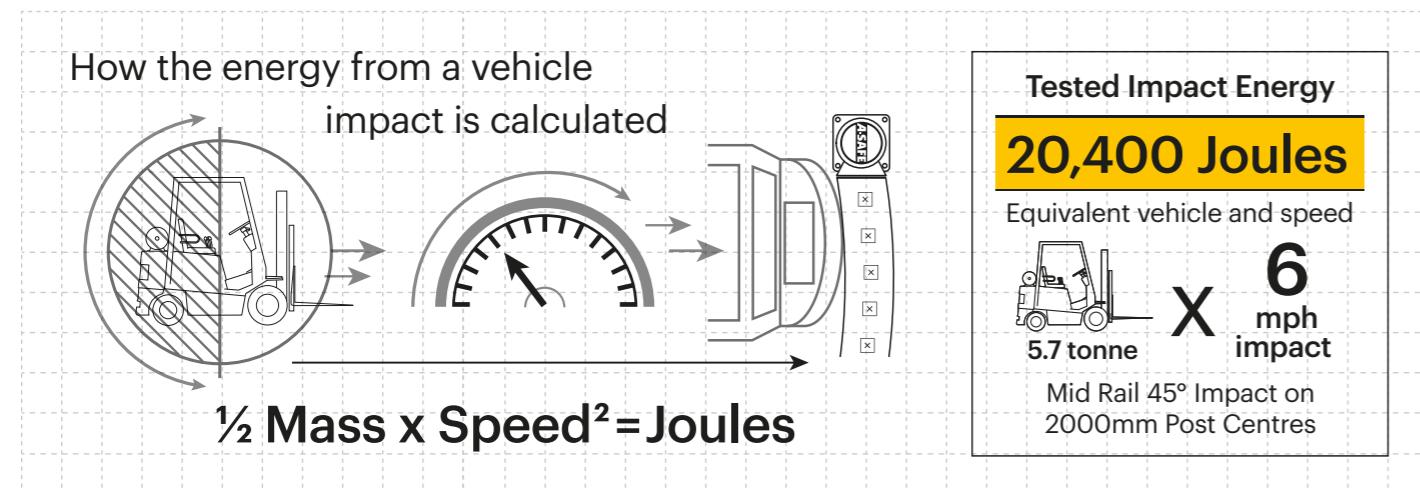


Technical Information



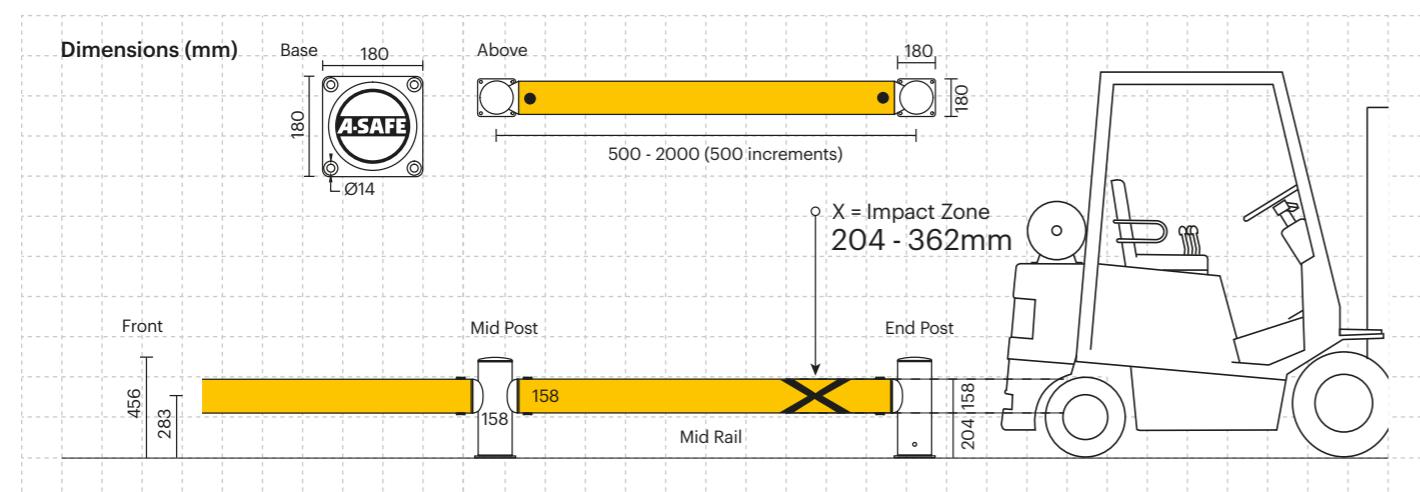
Impact Test	Impact Angle on 2000mm Post Centres			
	90°	67.5°	45°	22.5°
Mid Rail Max Energy (Joules)	10,200	11,950	20,400	69,650

End Post Max Energy (Joules) - 90°	3,600
Mid Post Max Energy (Joules) - 90°	3,600

Deflection at Max Energy 435mm	Force to Bolt 13kN

Material Properties	MEMAPLEX™
Temperature Range	-10°C to 50°C
Ignition Temperature	370°C to 390°C
Flash Point	350°C to 370°C
Toxicity	Not Hazardous
Chemical Resistance	Excellent - ISO/TR 10358
Weathering Stability (Grey Scale)	5/5*
Light Stability (Blue Wool Scale)	7/8**
Static Rating (Surface Resistivity)	1015 - 1016 Ω
Hygiene Seals	No

* Weathering scale 1 is very poor and 5 is excellent
** Light stability scale 1 is very poor and 8 is excellent



Post Options



Rail Options



Colour Combinations

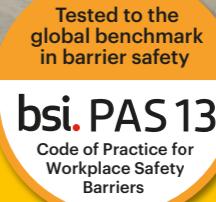
*Please note that the RAL and PANTONE colours listed are the closest match to standard A-SAFE colours, but may not be exact matches of the actual product colour and should be used for guidance only.

A-SAFE UK Ltd

Ainley House, Ainleys Industrial Estate, Elland, Halifax HX5 9JP United Kingdom
www.asafe.com



eFlex™
Single Traffic Barrier



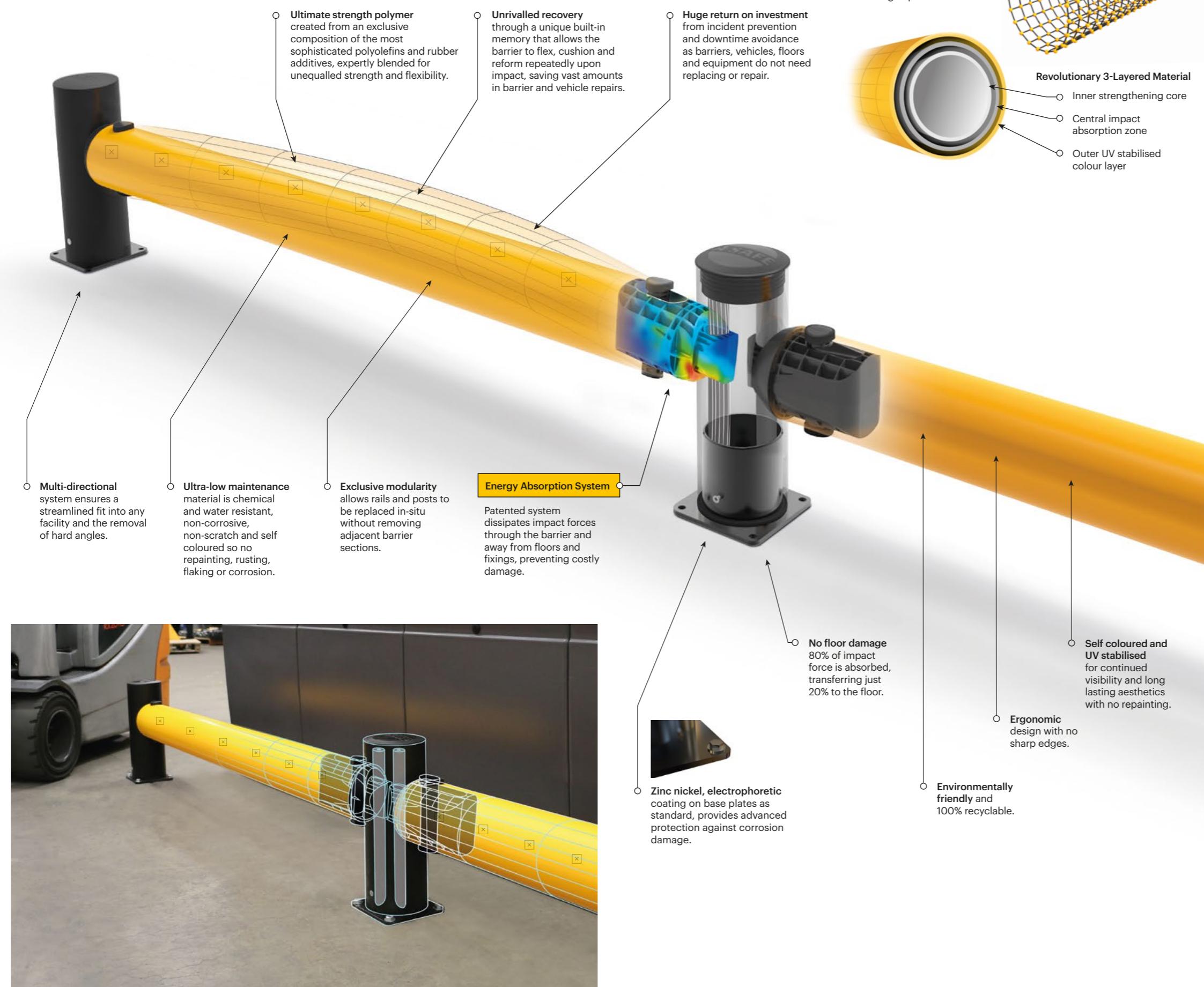
Code of Practice for
Workplace Safety
Barriers



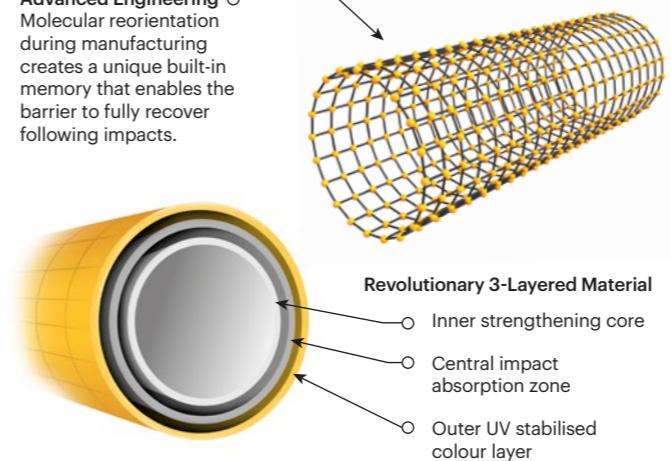
Testing Criteria to determine
essential Product Properties of
Collision Protection Systems:
• PAS 13, Sec. 7.7
(Sled and Ramp Impact test)
• PAS 13, Sec. 7.8
(Pass and Fall Criteria)
For further information: www.tuev-nord.de

Engineered for performance

Whether in the resilience, flexibility and in-built memory of our exclusive Memaplex™ material or the unrivalled energy absorption of our unique 3-phase coupling system, a wealth of technical ingenuity goes into every A-SAFE product to ensure that it performs perfectly every time you need it to. We are continuously innovating to solve the greatest workplace safety challenges on behalf of our customers and our numerous patents attest to our industry-leading commitment to research and development.

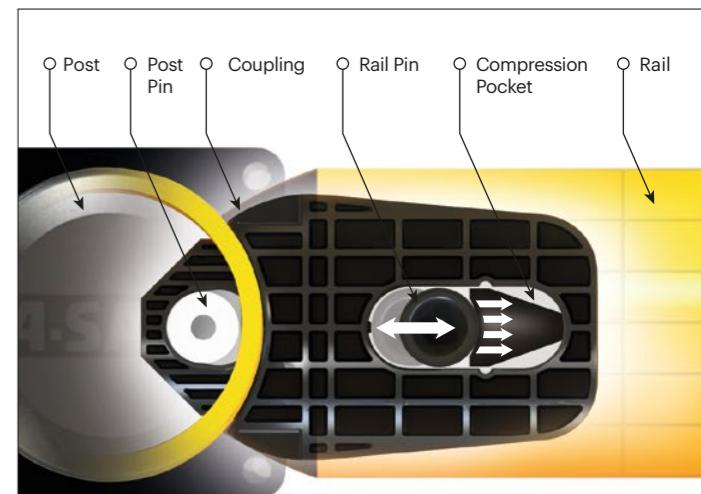


Advanced Engineering
Molecular reorientation during manufacturing creates a unique built-in memory that enables the barrier to fully recover following impacts.

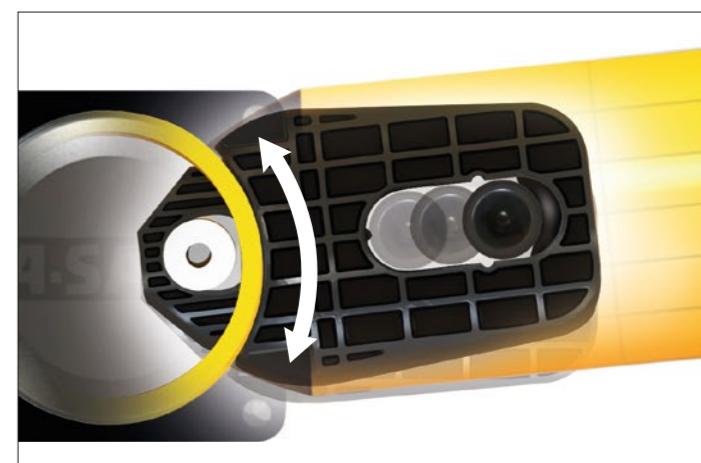


Energy Absorption System

A patented 3-phase system that activates sequentially for unparalleled energy absorption



PHASE 1: Memaplex™ rail flexes to absorb impact, initiating the rail pin to slide forward and transfer load energy to the compression pocket.



PHASE 2: Compression of the pocket continues to disperse energy as the coupling rotates around the post pin to activate further absorption.



PHASE 3: At peak energy, the coupling twists further, engaging the post pin and instigating torsion of the post to dispel remaining forces.