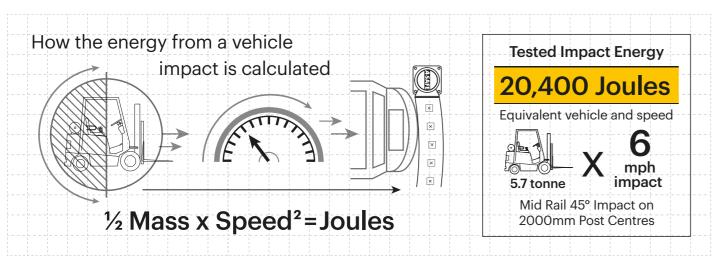
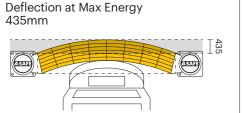
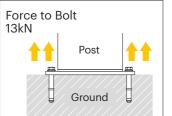
Technical Information



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

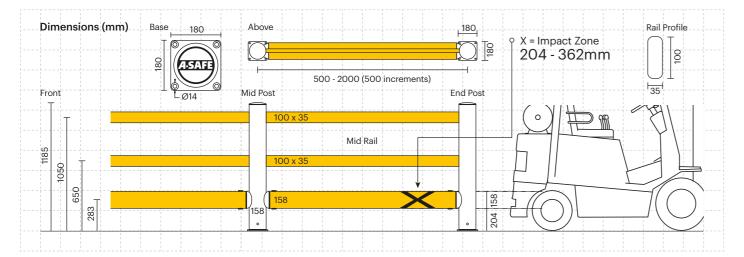
End Post Max Energy (Joules) - 90°	3,600
Mid Post Max Energy (Joules) - 90°	3,600





Material Properties	WEWAPLEX,
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





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.



Single Traffic Barrier+



The mid-strength, dual-function barrier isolates vehicles whilst also guiding pedestrians. The traffic rail provides physical

resistance to impacts. The addition of an ergonomic handrail increases the height to segregate pedestrians and prevent falls.

Ideal for mid-traffic areas where people and vehicles mix, and for build base specifications.



Testing Criteria to determine essential Product Properties of Collision Protection Systems:

- bsi. PAS 13 Code of Practice for

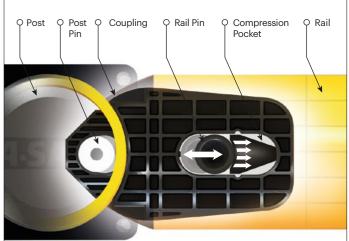


Rail Options

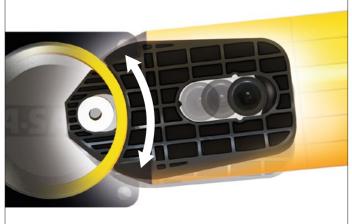
Engineered for performance WEWYSTEX. Whether in the resilience, flexibility and in-built memory of our exclusive Memaplex™ material or the unrivalled energy absorption of our unique Advanced Engineering O-3-phase coupling system, a wealth of technical ingenuity goes into every A-SAFE product to ensure that it performs perfectly every time you need Molecular reorientation it to. We are continuously innovating to solve the greatest workplace safety challenges on behalf of our customers and our numerous patents during manufacturing creates a unique built-in attest to our industry-leading commitment to research and development. memory that enables the O Ultimate strength polymer O Unrivalled recovery O Huge return on investment barrier to fully recover created from an exclusive composition of the most through a unique built-in from incident prevention following impacts. and downtime avoidance memory that allows the sophisticated polyolefins and rubber barrier to flex, cushion and as barriers, vehicles, floors additives, expertly blended for reform repeatedly upon and equipment do not need unequalled strength and flexibility. impact, saving vast amounts replacing or repair. in barrier and vehicle repairs. Revolutionary 3-Layered Material Inner strengthening core Central impact absorption zone Outer UV stabilised colour layer Ergonomic design with no sharp edges. **Energy Absorption System** Multi-directional Ultra-low maintenance **Exclusive modularity** system ensures a material is chemical allows rails and posts streamlined fit into any and water resistant, to be replaced in-situ Patented system dissipates impact forces facility and the removal non-corrosive, without removing non-scratch and self through the barrier and of hard angles. adjacent barrier coloured so no sections. away from floors and repainting, rusting, fixings, preventing costly flaking or corrosion. damage. No floor damage 80% of impact force is absorbed, Self coloured and transferring just UV stabilised 20% to the floor. for continued visibility and long Zinc nickel, electrophoretic lasting aesthetics coating on base plates as with no repainting. standard, provides advanced protection against corrosion Environmentally friendly and 100% recyclable.

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.

