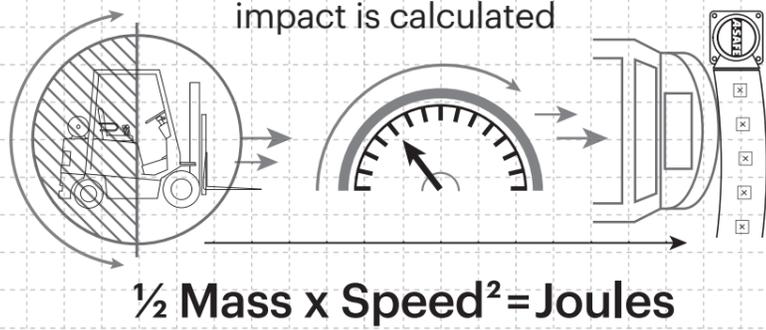


Technical Information

How the energy from a vehicle impact is calculated



Tested Impact Energy
6,500 Joules
 Equivalent vehicle and speed

2.6 tonne X **5 mph impact**

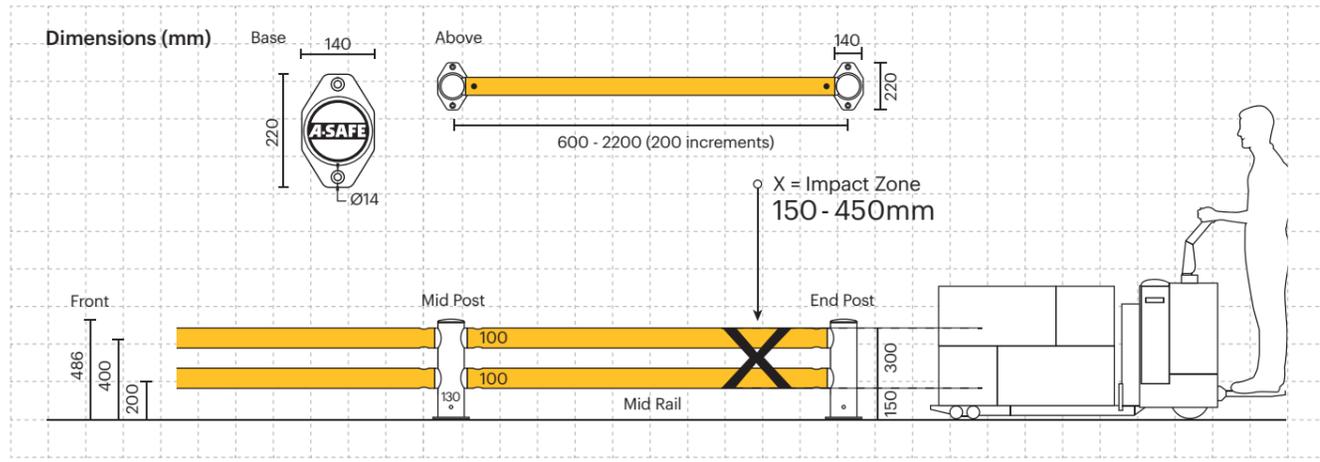
Mid Rail 45° Impact on 1500mm Post Centres

Impact Test	Impact Angle on 1500mm Post Centres			
	90°	45°	22.5°	10°
Mid Rail Max Energy (Joules)	4,550	6,500	12,000	26,450
End Post Max Energy (Joules) - 90°	3,000			
Mid Post Max Energy (Joules) - 90°	3,000			

Deflection at Max Energy 390mm	Force to Bolt 6kN
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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	Yes

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



Post Options

Standard Black
RAL 9005*
PANTONE Black

Standard Yellow
RAL 1007*
PANTONE 7548*

Rail Options

Standard Yellow
RAL 1007*
PANTONE 7548*

Standard Black
RAL 9005*
PANTONE Black

Standard Grey
RAL 9007*
PANTONE Cool Grey 5*

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.



mFlex™ Double Traffic Barrier



Designed to safeguard walls, structures, goods and machinery from hand operated equipment as well as pedestrian operated powered pallet trucks.

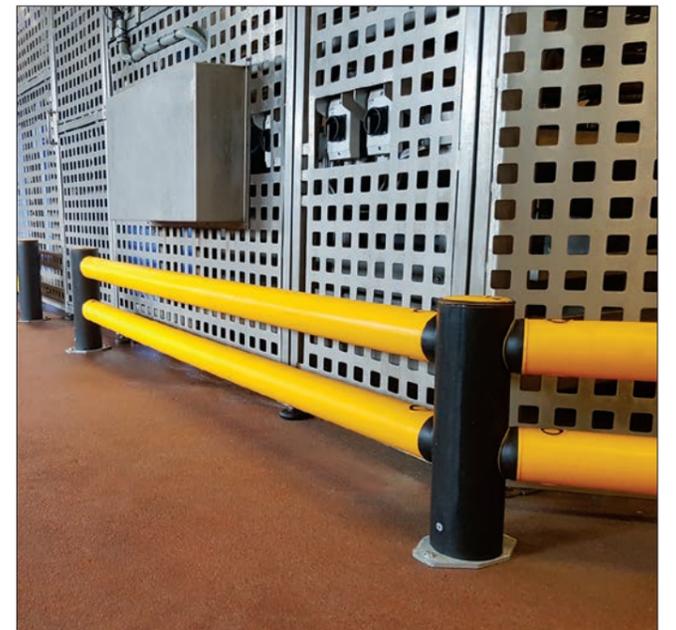
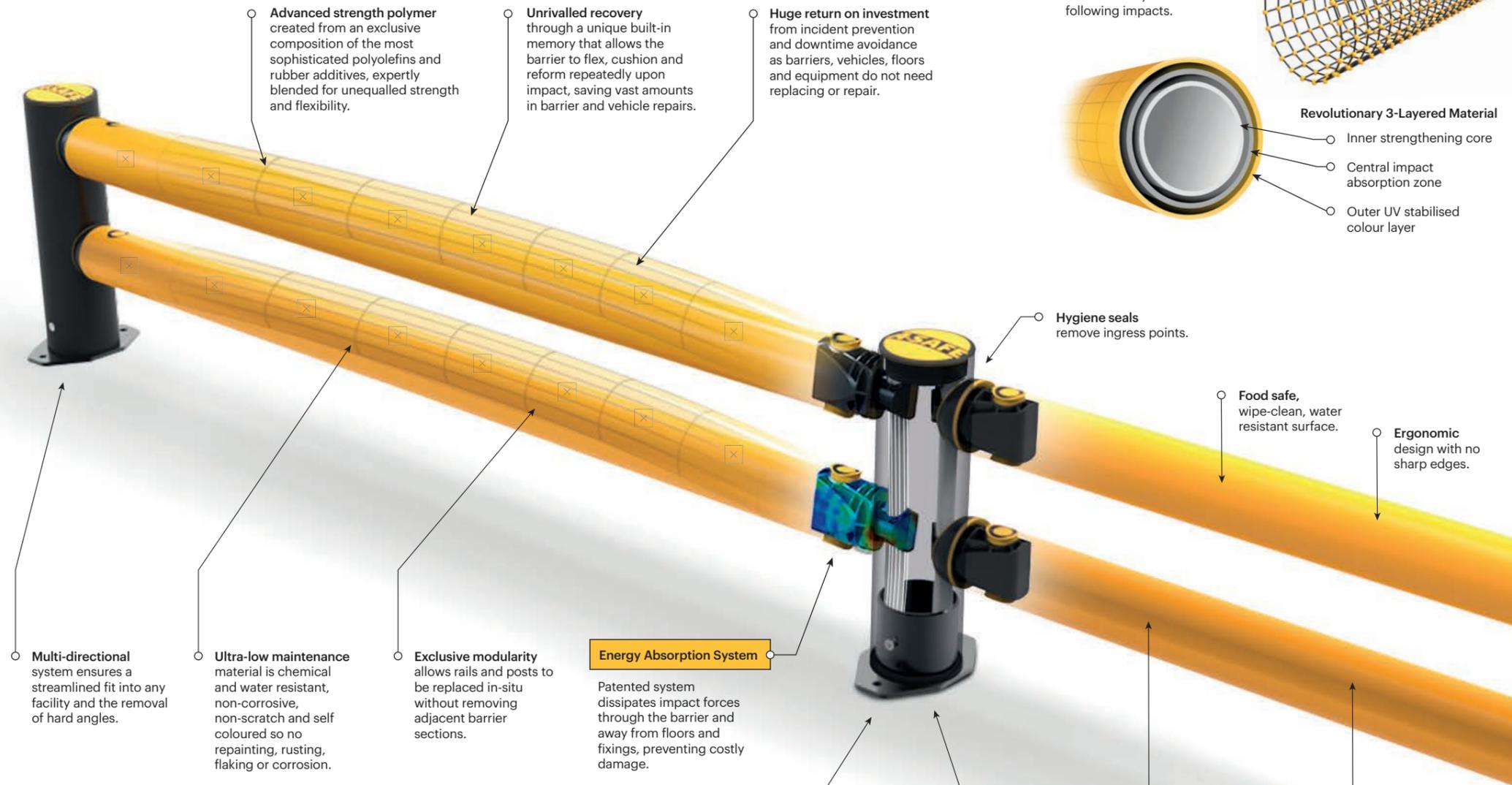
Such impacts can damage surfaces, materials and stock over time, degrading safety and causing equipment to break down.

The Double Rail increases the height and strength of the impact zone, providing greater resistance to impact forces and improved protection against wear-and-tear from frequent collisions.



Engineered for performance

A-SAFE's state of the art products are meticulously engineered to deliver the highest performance. Designed, developed, tested and manufactured in-house at our cutting-edge facility, each unique component is carefully crafted and purpose-built to play a vital role in the product's performance.



Zinc nickel, electrophoretic coating on base plates as standard, provides advanced protection against corrosion damage.

No floor damage
80% of impact force is absorbed, transferring just 20% to the floor.

Environmentally friendly and 100% recyclable.

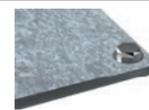
Self coloured and UV stabilised for continued visibility and long lasting aesthetics with no repainting.

ADDITIONAL BASE OPTIONS



Countersunk Bolts

Creates a flat surface, preventing tyre damage where vehicles are in close proximity.



Galvanised Steel

Increased weather resistance for outdoor use and harsh climate environments.



Stainless Steel 316 Standard

Ultimate performance option, no corrosion or rusting and resistant to powerful cleaning agents. Ideal for hygiene environments.



Stainless Steel 316 Countersunk

