eFlex™

Single RackEnd Barrier



Designed to protect the end of racking aisles where turning vehicles and equipment can impact vulnerable racking structures.

The Single Rail version will absorb and deflect repeated contact from vehicles with lower centres of gravity, preventing damage to racking systems.

The circular end posts provide enhanced protection at the barrier ends which are most susceptible to impact. Innovative spinning collars further deflect and dissipate impact forces.

TÜV NORD
TÜV NORD Systems GmbH & Co. KG
Freiwillige Prüfung
A-SAFE PENDULUM IMPACT TESTER

Code of Practice for Workplace Safety Barriers
PAS13
2017

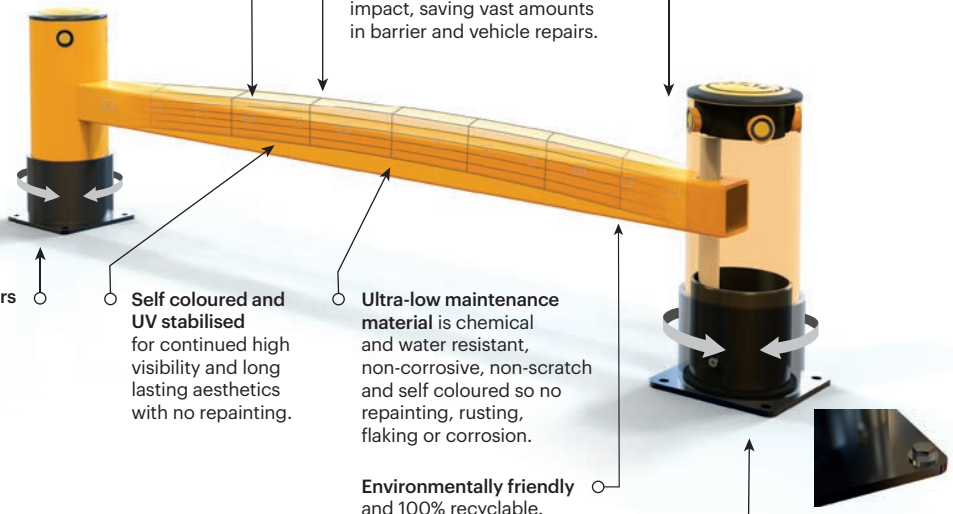
PROTECT
SAFE SYSTEM
0739.646.666 - office@protectsafe.ro

Engineered for performance

Memaplex™ advanced strength polymer created from an exclusive composition of the most sophisticated polyolefins and rubber additives, expertly blended for unequalled strength and flexibility.

Unrivalled recovery through a unique built-in memory that allows the barrier to flex, cushion and reform repeatedly upon impact, saving vast amounts in barrier and vehicle repairs.

Huge return on Investment from incident prevention and downtime avoidance as rails, vehicles, floors and infrastructure do not need replacing or repair.



Rotating wear collars deflect force from repeat glancing blows preventing expensive on-going maintenance costs.

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

Ultra-low maintenance material is chemical and water resistant, non-corrosive, non-scratch and self coloured so no repainting, rusting, flaking or corrosion.

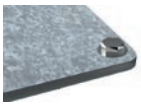
Environmentally friendly and 100% recyclable.

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

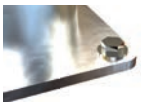
ADDITIONAL BASE OPTIONS



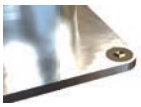
Countersunk Bolts



Galvanised Steel



Stainless Steel 316 Standard



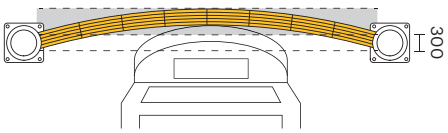
Stainless Steel 316 Countersunk

Technical Information

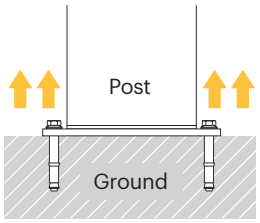
Impact Test	Impact Angle on 2000mm Post Centres			
	90°	45°	22.5°	10°
Mid Rail Max Energy (Joules)	4,000	5,600	10,400	23,000

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

Deflection at Max Energy
300mm



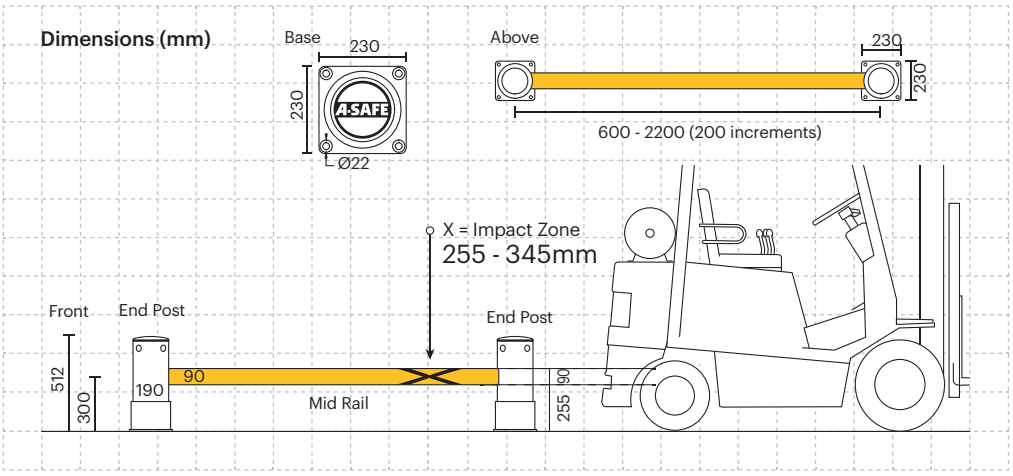
Force to Bolt
5kN



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

Dimensions (mm)

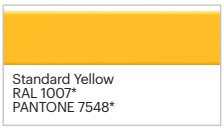


Colour Combination

Post



Rail



*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 Headquarters
Habergham Works, Ainleys Industrial Estate, Elland, HX5 9JP, West Yorkshire, United Kingdom.
www.asafe.com