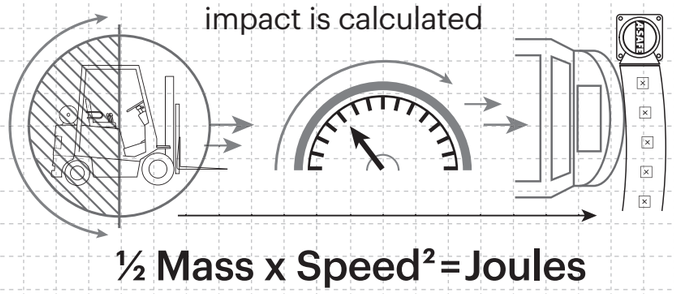
Technical Information

How the energy from a vehicle impact is calculated

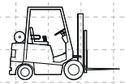


½ Mass x Speed² = Joules

Tested Impact Energy

4,200 Joules

Equivalent vehicle and speed



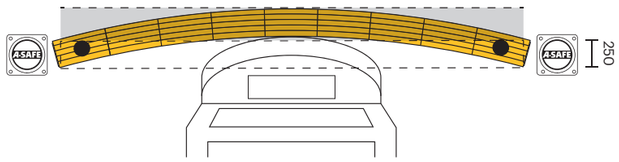
2.6 tonne X 6.4 kph impact

Mid Rail 45° Impact

Impact Test

Max Energy (Joules) at 45° 4,200

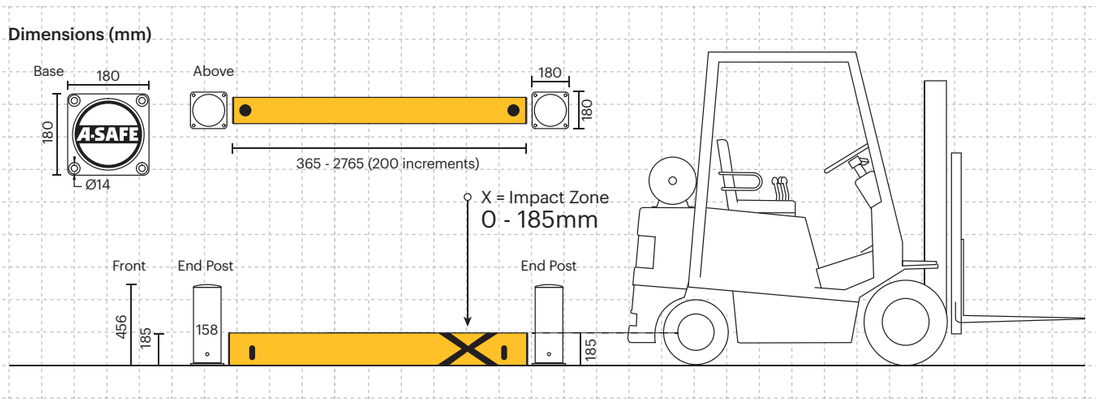
Deflection at Max Energy
250mm



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)



Post



Standard Black
RAL 9005*
PANTONE Black

ForkGuard Colour Options



Standard Yellow RAL 1007*
PANTONE 7548*

Standard Black RAL 9005*
PANTONE Black

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

A-SAFE Est. 1984

eFlex™

RackEnd Posts with iFlex ForkGuard™



Designed to shield the end of racking structures and protect them from fork penetration.

This lighter duty version guides vehicles safely around racking systems, and defends the ends of racking aisles from vehicle forks and other protruding objects, preventing damage.

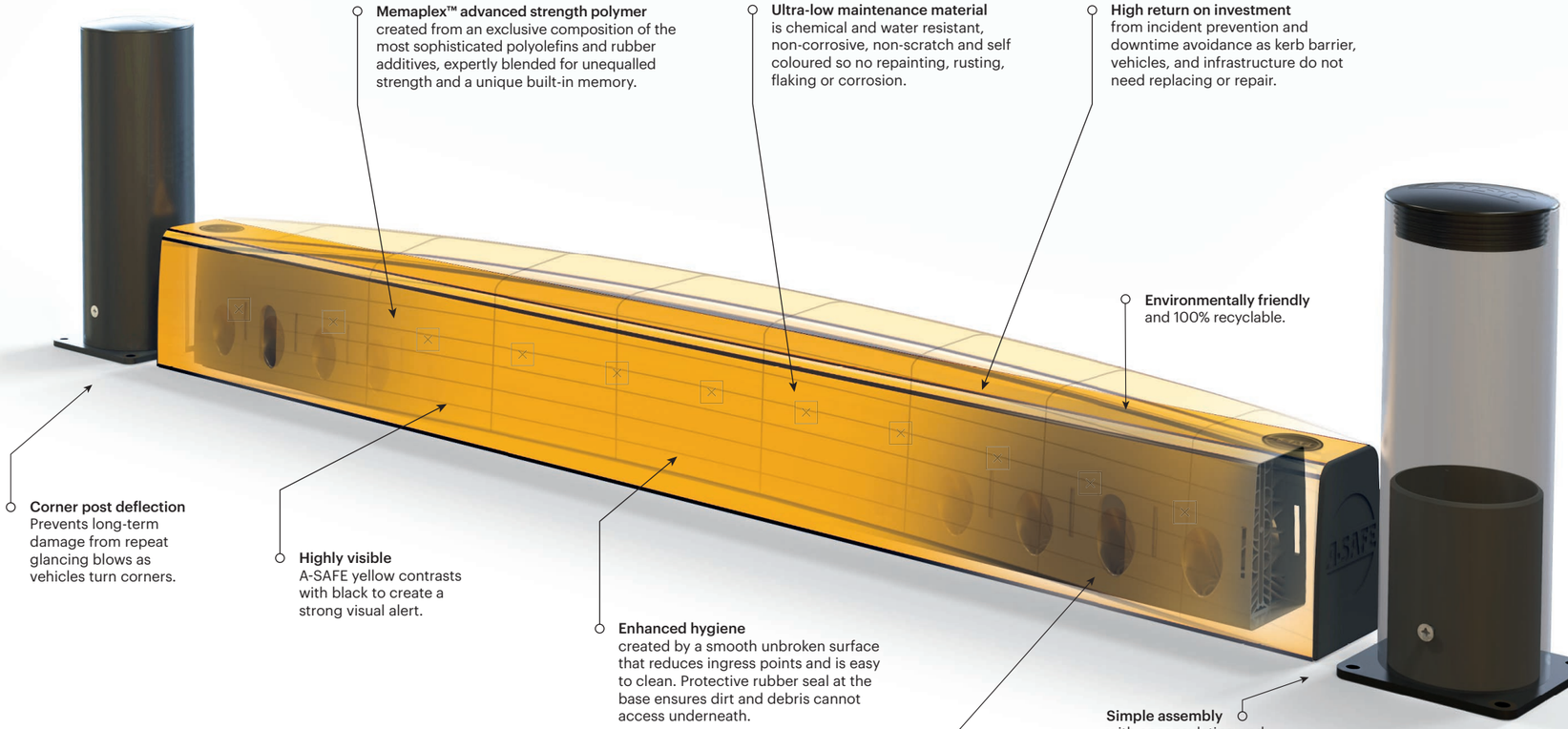
TÜV NORD
TÜV NORD Systems GmbH & Co. KG
Freiwillige Prüfung
Prüfbescheinigung PP701 - 28.01.2013 / 13280400139
A-SAFE PENDULUM IMPACT TESTED

Code of Practice for Workplace Safety Barriers
PAS13 2017

PROTECT SAFE SYSTEM
0739.646.666 - office@protectsafe.ro

Precision engineered AERO technology

Exclusive AERO Technology provides powerful internal reinforcement along the full length of the protective body, delivering unprecedented levels of impact resistance and fork protection. Corner posts optimise deflection at turning points, typically vulnerable to glancing blows and angled impact.



Memaplex™ advanced strength polymer
created from an exclusive composition of the most sophisticated polyolefins and rubber additives, expertly blended for unequalled strength and a unique built-in memory.

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

High return on investment
from incident prevention and downtime avoidance as kerb barrier, vehicles, and infrastructure do not need replacing or repair.

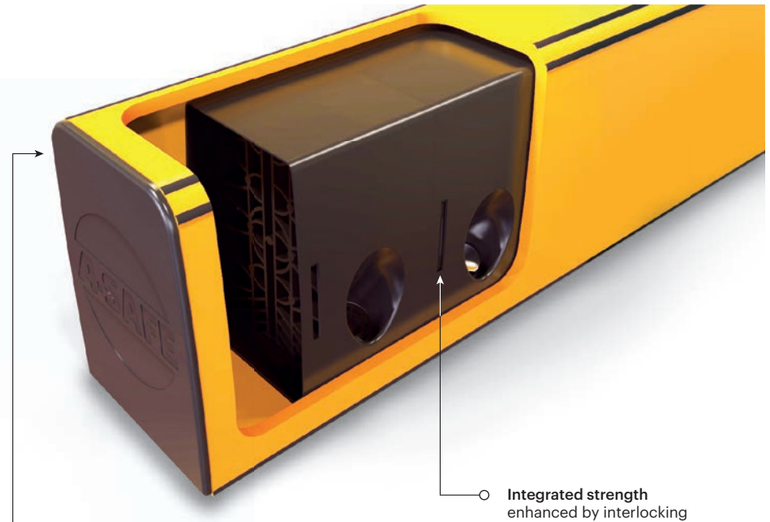
Environmentally friendly
and 100% recyclable.

Corner post deflection
Prevents long-term damage from repeat glancing blows as vehicles turn corners.

Highly visible
A-SAFE yellow contrasts with black to create a strong visual alert.

Enhanced hygiene
created by a smooth unbroken surface that reduces ingress points and is easy to clean. Protective rubber seal at the base ensures dirt and debris cannot access underneath.

Simple assembly
with encapsulating end caps and the A-SAFE logo for clear orientation.

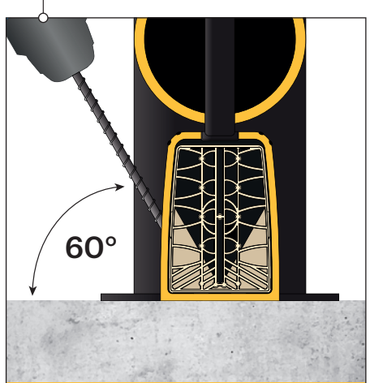


Integrated strength
enhanced by interlocking design increases the strength under impact, allowing energy to dissipate through the entire AERO system instead of localising.

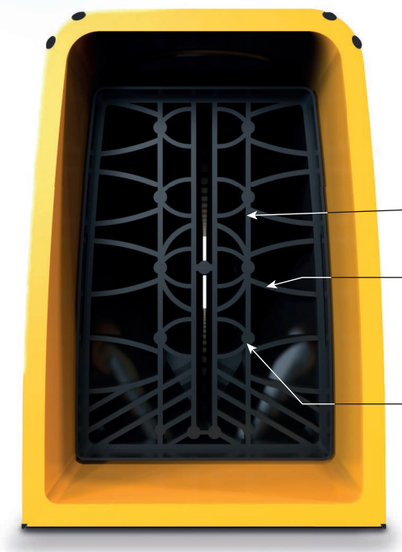
Engineered design
optimises the surface for impact recovery. Tapering at the top provides enhanced deflection to create a spring effect. Rounded corners remove stress, preserving parts that are susceptible to snapping.







Retro Fit Installation
60º diagonal fixing method allows a fast and easy retro-fit to any existing barrier system.



Reinforced resistance
through multiple internal walls increase the amount of material, creating layers of resistance to impact forces and fork penetration.

Fortified flexibility
created by a meticulously defined inner structure acts as a spring, flexing and absorbing energy, and deflecting vehicle forks.

Anti-piercing protection
ribbing at the base increases kerb barrier density, providing compressive strength against vehicle forks.