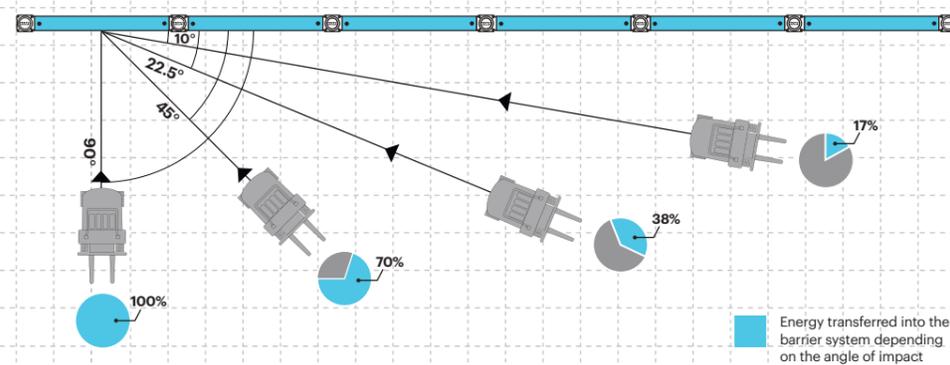


Testing and Technical Information

Tested to the global benchmark in barrier safety

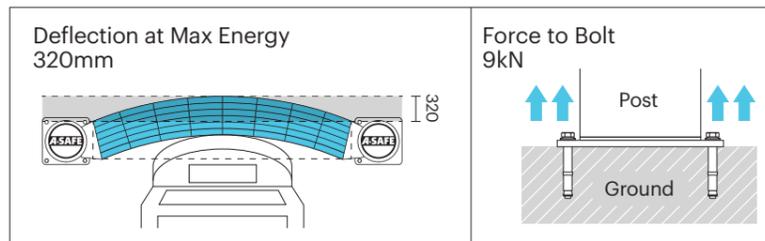
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Code of Practice for Workplace Safety Barriers

How energy (Joules) is transferred from a vehicle impact



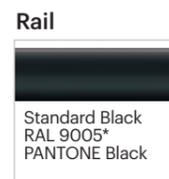
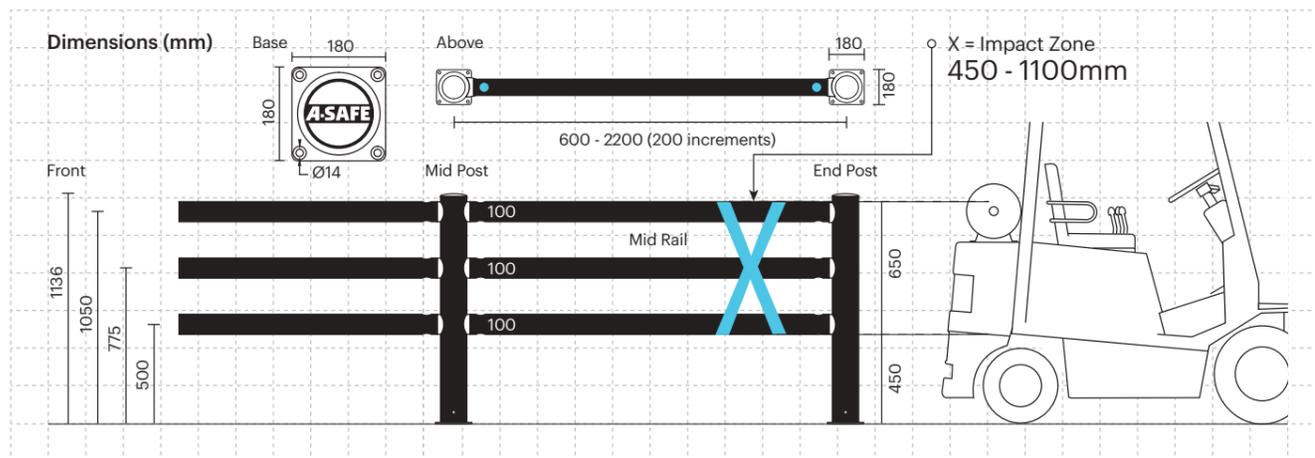
Impact Test on 1500mm Post Centres	Max Vehicle Energy the barrier can withstand at the Impact Angle			
	90°	45°	22.5°	10°
Mid Rail Max Energy (Joules)	5,800	8,200	15,150	33,400

End Post Max Energy (Joules) - 90°	3,700
Mid Post Max Energy (Joules) - 90°	2,700



Material Properties	
Temperature Range	-30°C to 0°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



Colour Combination

*Please note that the RAL and PANTONE colour 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.



iFlex™

Cold Storage Pedestrian Barrier 3 Rail

A-SAFE



A-SAFE iFlex Cold Storage Pedestrian Barrier 3 Rail is designed to segregate pedestrians from active forklift trucks and other workplace hazards. This ergonomic barrier has been purpose-engineered for applications within sub-zero environments such as cold storage facilities. It delivers supreme performance in temperatures as low as -30°C.

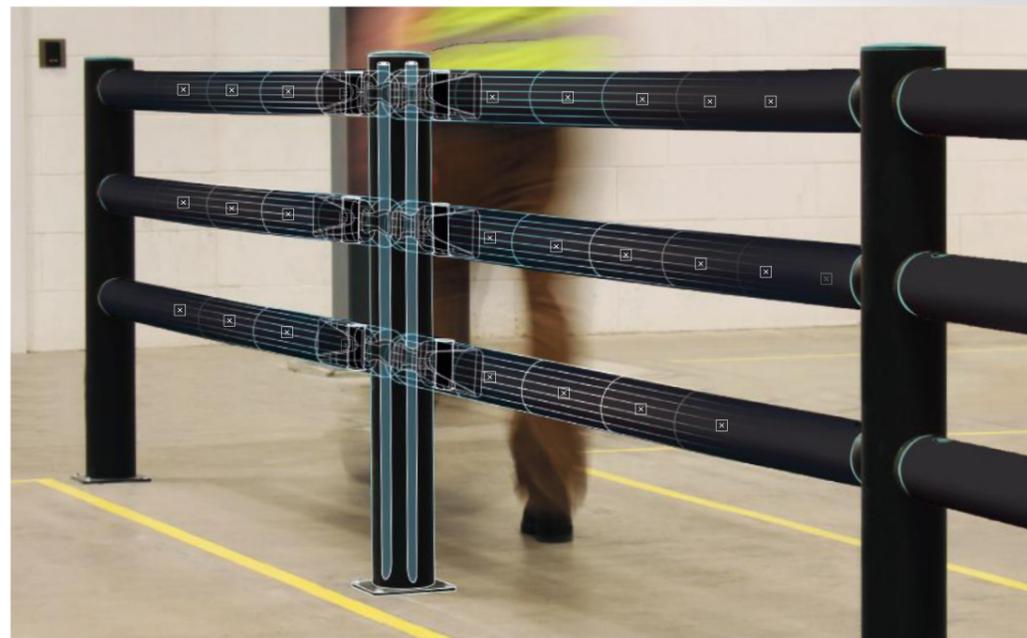
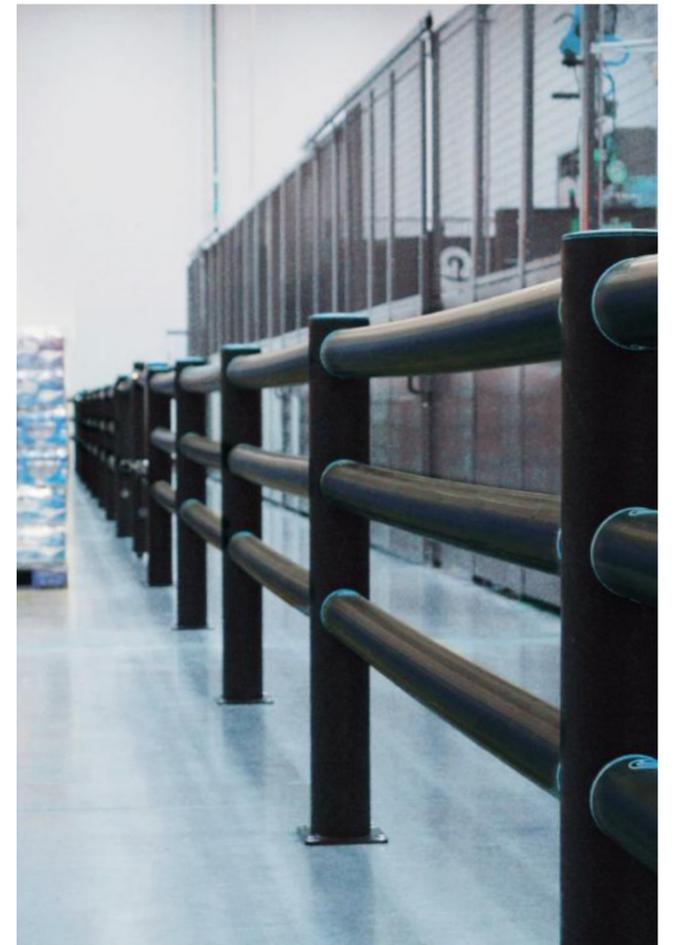
Manufactured from Memaplex™ Sub-Zero, a unique blend of polymers designed to withstand multiple impacts without cracking or fragmenting, iFlex Cold Storage Pedestrian Barrier 3 Rail Barrier provides visual guidance by defining walkways, while also segregating pedestrians from traffic such as forklift trucks.

Ideal for busy sub-zero environments where vehicles are in operation and there is a risk of collision.



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.



Climate tested
A-SAFE cold storage products are dynamically impact-tested to PAS 13 standards under realistic climate conditions to ensure they perform perfectly everytime.

bsi.
PAS13

Code of Practice for
Workplace Safety
Barriers