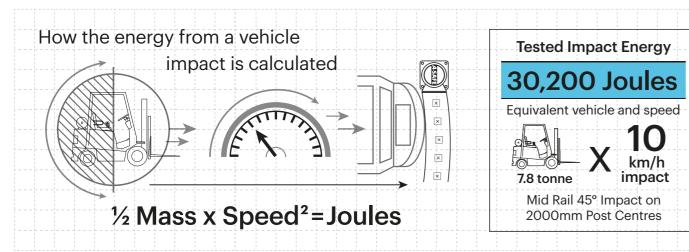
Technical Information

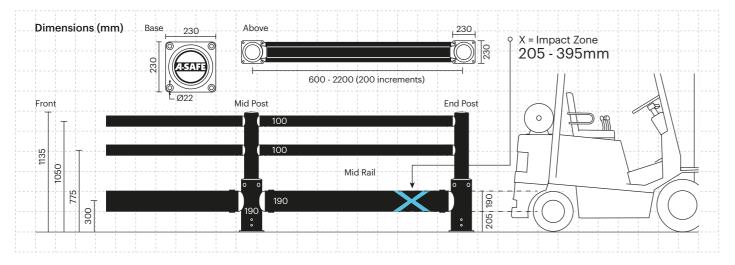


Impact Test	Impact Angle on 2000mm Post Centres				
	90°	67.5°)	45°	22.5°
Mid Rail Max Energy (Joules)	15,100	17,69	1	30,200	103,109
End Post Max Energy (Joules) - 90°			6,900		
Mid Post Max Energy (Joules) - 90°			6,900		
Deflection at Max Energy 430mm			Force to Bolt 24kN		
			Post Ground		

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



Post Rail Standard Black RAL 9005* Standard Black RAL 9005* PANTONE Black PANTONE Black

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 Single Traffic Barrier+



A-SAFE iFlex Cold Storage Single Traffic Barrier+ is designed to protect people, buildings and infrastructure from impacts with forklifts and other vehicles. This high-strength dual-function 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 Single Traffic Barrier provides both guidance and physical protection. A heavy-duty traffic rail provides robust resistance against vehicle impacts, while an ergonomic handrail increases the height of the barrier to segregate pedestrian walkways and prevent falls.

Ideal for busy sub-zero environments where people and vehicles share space.

A-SAFE Australasia PTY Ltd Region: Australasia, 2/177-179 Power Street, Glendenning, NSW 2761, Australia. www.asafe.com





Tested to the global benchmark in barrier safety

bsi. PAS 13

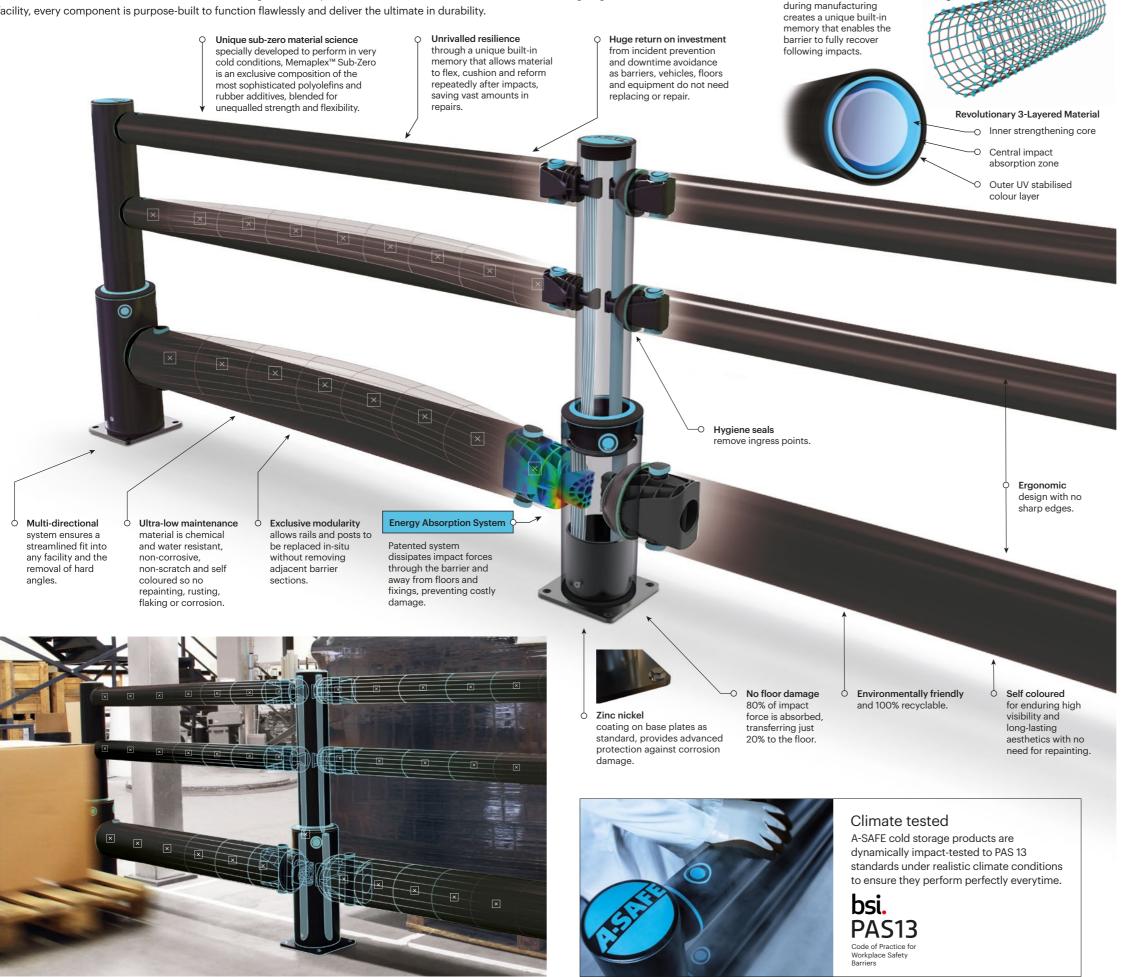
Code of Practice for Workplace Safety

Barriers



Engineered for performance

A-SAFE Cold Storage products are state of the art and have been precision engineered to deliver the highest levels of performance in extreme sub-zero environments. Designed, developed, tested and manufactured in-house at our cutting-edge facility, every component is purpose-built to function flawlessly and deliver the ultimate in durability.

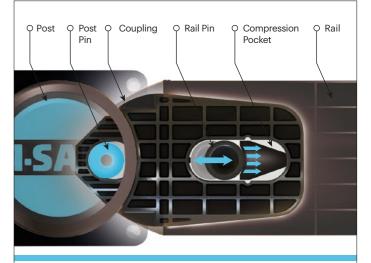


Advanced Engineering O-

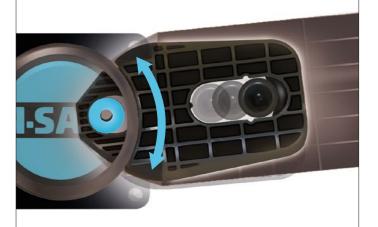
Molecular reorientation

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.