

# ForkGuard Cold Storage Kerb Guardrail

A-SAFE Cold Storage ForkGuard is designed to provide ground-level impactand piercing protection for walls, infrastructure and equipment. It has been purpose-engineered for applications within sub-zero environments such as cold storage facilities and delivers supreme performance in temperatures as low as -30°C.

Manufactured from Memaplex<sup>™</sup> Sub-Zero, a unique blend of polymers designed to withstand multiple impacts without cracking or fragmenting, the Cold Storage ForkGuard deflects vehicle forks in shallow angle or low-force impacts. It also serves as a pallet stop or buffer to prevent stored goods from encroaching into pedestrian areas or walkways.

The Cold Storage ForkGuard is floor-mounted and bolted from above. It can be easily integrated with A-SAFE Cold Storage guardrails to provide complete protection within your cold storage facility.



**PIONEERING WORKPLACE SAFETY** 

## **Technical Information**

 O Unique sub-zero material science specially developed to perform in very cold conditions, Memaplex<sup>™</sup> Sub-Zero is an exclusive composition of the most sophisticated polyolefins and rubber additives, blended for unequalled strength and flexibility.

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



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 Windows Status

Engineered design

optimises the surface for impact

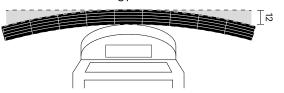
recovery. Tapering at the top provides enhanced deflection to create a spring effect. Rounded corners remove stress raising parts that are susceptible to snapping.

Barriers

#### Impact Test

### Max Energy (Joules) at 90° 3,000

Deflection at Max Energy 12 inches



Material Properties	MEMAPLEX
Temperature Range	-22°F to 32°F
Ignition Temperature	698°F to 734°F
Flash Point	662°F to 698°F
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

**Colour Combination** 



\*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.

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

 Enhanced hygiene created by a smooth

> • Environmentally friendly and 100% recyclable.

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

**Easy installation** bolted down extrusion with simple installation from above.

Dimensions (inches) Above  $14\% - 77^{2}\%_{4}$  (7% increments) X = Impact Zone 0 - 7%Front

#### A-SAFE Inc

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