

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.

Ultimate strength polymer Unrivalled recovery through a unique built-in created from an exclusive composition of the most memory that allows the

Huge return on investment from incident prevention and downtime avoidance as guardrails, vehicles, floors and equipment do not need replacing or repair.

WEWYSTEX.

Advanced Engineering O-Molecular reorientation during manufacturing creates a unique built-in memory that enables the barrier to fully recover following impacts.

> Revolutionary 3-Layered Material Inner strengthening core

> > Central impact absorption zone

O Outer UV stabilized color layer

Self colored and

UV stabilized

for continued

visibility and long

lasting aesthetics with no repainting PHASE 1: Memaplex™ rail flexes to absorb impact, initiating the rail pin to slide forward and transfer load energy to the compression pocket.

Energy Absorption System

unparalleled energy absorption

O Post O Post O Coupling

Pin

A patented 3-phase system that activates sequentially for

Q Rail Pin

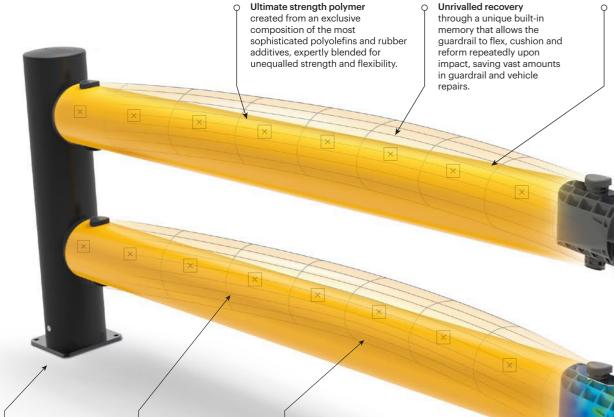
Q Compression Q Rail

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.



Ultra-low maintenance material is chemical and water resistant, non-corrosive, non-scratch and self adjacent guardrail colored so no sections. repainting, rusting,

flaking or corrosion.

Exclusive modularity Energy Absorption System allows rails and posts to be replaced in-situ

Patented system dissipates impact forces through the guardrail and away from floors and fixings, preventing costly

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

No floor damage 80% of impact force is absorbed, transferring just 20% to the floor.

> Ergonomic design with no sharp edges.

Environmentally friendly and 100% recyclable.



Multi-directional

system ensures a

of hard angles.

streamlined fit into any

facility and the removal