ATLAS Octagon

AIRPORT BARRIERS

Atlas Octagons are assembled from the eight 200mm OD, 760mm high bollard corner posts with the same number of Atlas Barrier fixed units, or modular Atlas Barrier components, fitted between the corner posts. Each side of the octagon is made up from either:
An Atlas Barrier fixed unit with an overall height of 760mm and two 200mm OD horizontal rails mounted on a central post. Or: Atlas Barrier modular components. Mid post assemblies with the required number of two 200mm OD rails sets to give the required octagon side length. The overall height of the polygon side, liked the fixed unit, is 760mm

The assembled unit forms a regular polygon with equal side lengths and equal internal angles. All posts are fitted with 225mm OD rotating wear collars to provide enhanced impact and absorption properties and the two horizontal side rails have impact height centres of 310 and 660mm.
The number and length of the sides of the octagon may be varied, reduced or increased to suit.

Applications and Benefits

The Atlas Barrier Octagons provide heavy duty impact protection and are designed primarily for protection of floodlight towers, masts and columns found on airport stands and the airport apron. They can also be used for protection of other vulnerable ground mounted equipment or structures that require all round protection.
Their octagonal shape provides a highly stable and rigid barrier that is not easily deformed under impact conditions. The ability of the octagon to flex to absorb and dissipate impact forces means that floor damage, and the associated expense of repairing the damage, is less likely to occur. The high-visibility yellow colour ensures that potential impact hazards are easily seen and avoided by airport vehicle drivers. Like all A-Safe products they are designed to be easily and quickly installed and to remove or reduce impact damage and its' associated maintenance and repair replacement costs.

Health and Safety Did You Know

"Airport operators must protect the health and safety of their employees….. They must also protect the health and safety of everyone affected by their activities"
(HSE HSG209, Aircraft Turnaround)

Technical Did You Know

- The fact that the Atlas Octagons are regular polygonal structures means that should an impact occur the impact force is absorbed and dissipated throughout the entire barrier structure rather than at the point of impact as is the case with more rigid metal barriers.

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