



Square Safety Bollard

Engineered Protection for Critical Infrastructure

Clenergy's square security bollard provides strong, reliable protection for valuable assets across commercial, industrial, and residential environments. Designed with both durability and visual appeal in mind, it protects equipment, infrastructure, and property while integrating seamlessly into modern spaces.

Key Features

Universal Compatibility
Designed to protect a wide range of equipment including energy storage systems, electrical cabinets, water infrastructure, warehouse equipment, and EV charging stations. The simple footprint allows easy integration into existing site layouts.

Versatile Applications
Ideal for warehouses, logistics centres, commercial buildings, car parks, public infrastructure areas, and residential installations where physical protection of valuable assets is required.

Safety First
Engineered to create a strong physical barrier, the square bollard protects sensitive infrastructure such as electrical equipment, energy storage systems, water services, and warehouse assets from accidental vehicle impact.

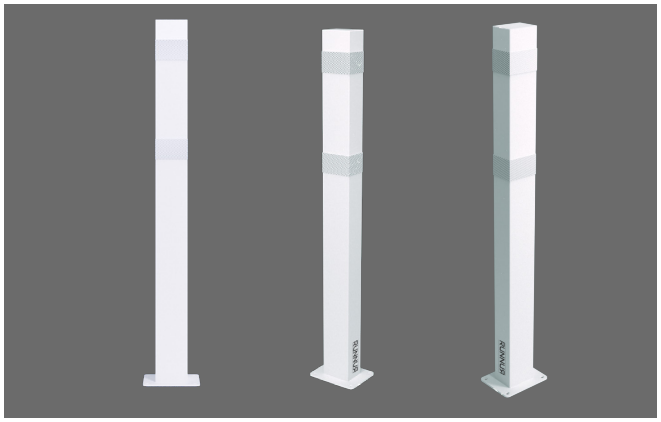
Clean Architectural Design
The square profile offers a modern and structured appearance that aligns with contemporary commercial and industrial environments. Its clean geometry integrates naturally into building landscapes, car parks, and service areas.

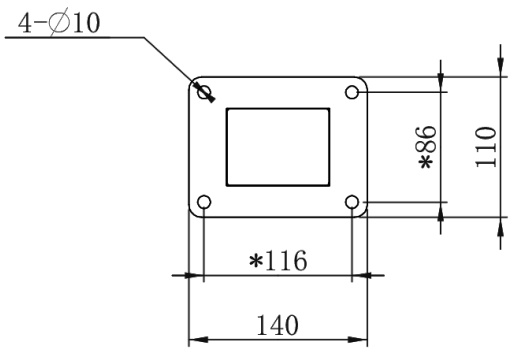
Hot-Dip Galvanised Steel Protection

The bollard is manufactured using hot-dip galvanised steel, a process where the finished steel structure is immersed in molten zinc. This creates a protective coating that bonds metallurgically to the steel surface.

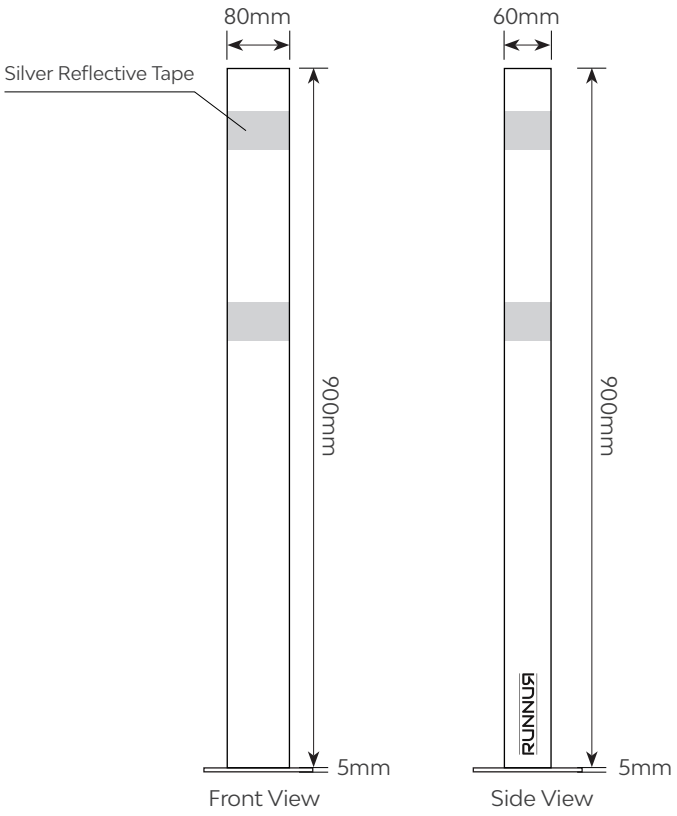
The result is a durable protective layer that:
· Protects against corrosion and rust
· Provides long-term durability in outdoor environments
· Maintains structural strength in harsh conditions
· Requires minimal maintenance over time

Hot-dip galvanising ensures the bollard remains resilient in exposed industrial, coastal, and urban environments.





Base View



Front View Side View

Technical Specifications

Product Number	CR-SSB900H/WS
Material	Hot Dip Galvanized Steel
Surface Treatment	Powder Coated
Color	White with Grey Reflective Tape
Bollard Tube Thickness	2 mm
Bollard Dimensions	900 x 80 x 60 mm
Base Dimensions	140 x 110 x 5 mm
Weight	4.4 kg
Anchor Bolt	4 Pcs of M8x120 SUS304 Sleeve Anchor

Safety Bollard

CR - SSB 900 H / WS

Select **Safety Bollard**
CR Clenergy RUNNUR Series

Select **Component**
SSB Square Safety Bollard

Select **Height(mm)**
900

Select **FInish**
H Hot Dip Galvanised Steel

Select **Colour**
WS White with Silver Reflective Tape

Clenergy Infrastructure Heritage

For over 19 years, Clenergy has engineered metal infrastructure solutions supporting the global transition to renewable energy. Our solar mounting systems and structural components are installed in projects across residential, commercial, and utility-scale environments worldwide. This deep experience in designing reliable metal structures now extends into physical infrastructure protection.

With the introduction of our bollard range, Clenergy brings the same engineering principles that support solar infrastructure to protecting the systems that power modern buildings. From rooftop solar structures to ground-level infrastructure protection, Clenergy continues to provide the structural foundation that supports safe and resilient environments for homes, workplaces, and critical services.