SiteGard
CraneGard

Tower Crane Protection and Access Control

Clear Sight Lines   Fire Resistant
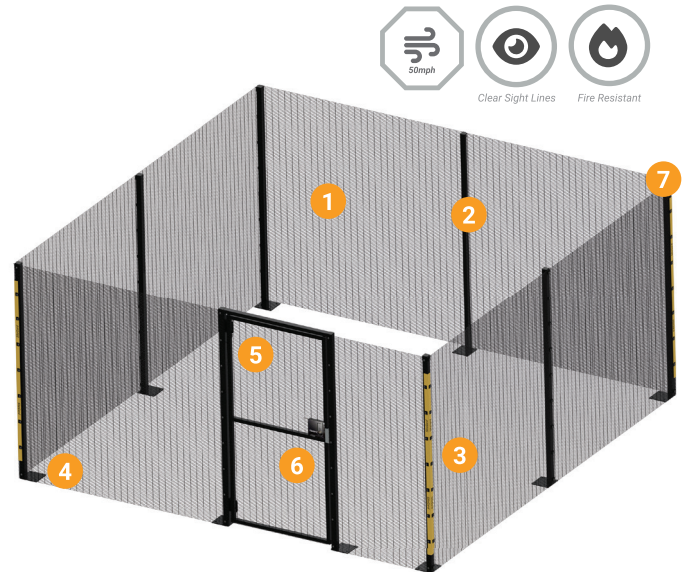
CraneGard provides easy to install, anti-climb protection around the base of tower cranes, creating a defined safety barrier and preventing unauthorised access to the crane structure.

CraneGard's 2.4 or 3.0 meter high base-plated compound forms a formidable anti-climb barrier, thanks to the tightly spaced apertures of its 358 weld-mesh panels. Unlike timber hoarding surrounds, CraneGard offers fire resistance as well as clear visibility into the compound, enhancing safety, greatly reducing wind-loading, and enabling 360° visual maintenance inspections.
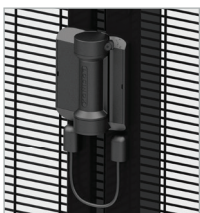
The modular 2.6m to 5.1m enclosure allows for sufficient space for personnel to walk around the crane mast. In addition, the access door can be configured to open either inwards and outwards, to maximise the available space and fit the site layout.

Access into the compound is facilitated through either a key lock or digital lock, fitting with a surround. A quick-release push-pad on the inside of the gate provides a safe, unassisted exit.

1. *Mesh Panel: Mesh size 12.5 x 76.2mm - 4mm wire*
2. *Post Size: 60 x 60mm SHS with 200 x 200mm Base Plates*
3. *Metal Clips and Corner Protector*
4. *200 x 200mm Base Plates*
5. *Access Gate With Self-Closing Hinges & Gate Restrainer*
6. *Lock Options: Key or Digital with Quick Release Push-Pad*
7. *Cranked and Straight Post Extensions*
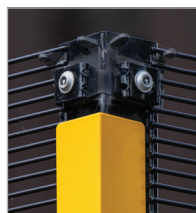
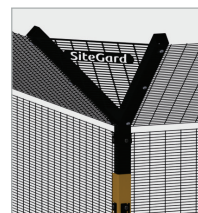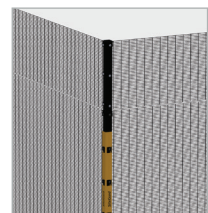| Self Closing Hinge & Gate Restrainer	Anti-Climb Bottom Hinge	Corner Post Protector	Hooked Clips To Assist Installation	Cranked Post Extensions	Straight Post Extensions

Specification

Nominal Fence Height (m)	Panel Size Height x Width (mm)	Overall Dimensions (m)	Mesh Type	Overall Length of Post (mm)	Post Size (mm)	Number of Fixings	
						Ends/Inters (Clips)	Corners (Clips)
2.4	2,442 x 2,518	2.6 x 2.6	358	2460	60 x 60	9	18
2.4	2,442 x 2,518	5.1 x 5.1	358	2460	60 x 60	9	18
3.0	2,442 x 2,518	2.6 x 2.6	358	2955	60 x 60	12	24
3.0	2,442 x 2,518	5.1 x 5.1	358	2955	60 x 60	12	24

(Extra panels and posts available separately to create custom compound sizes)   *Data subject to change*

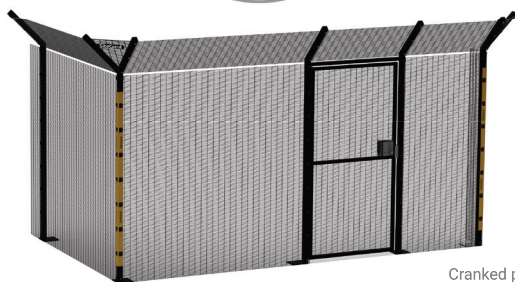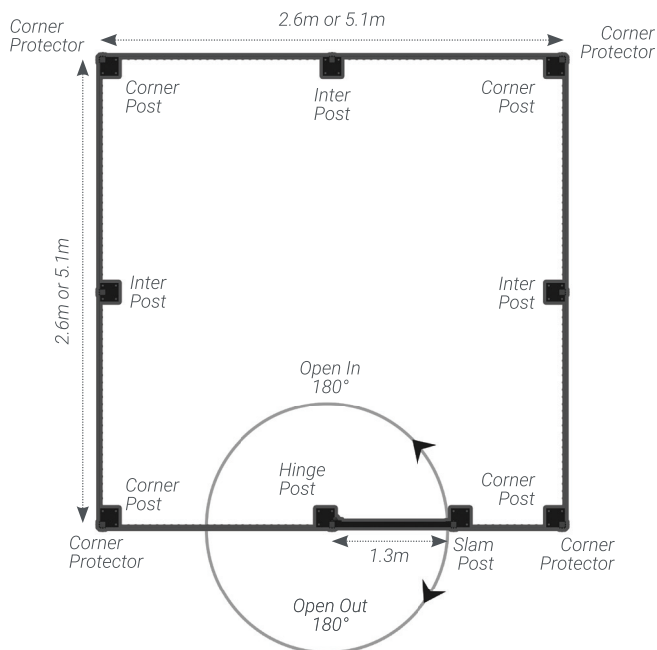**Alexandra**

Access Control Options

Digital Lock & Push Pad

Key Lock & Push Pad

Reversible Hinges

Posts, Clips and Fixings

Corner Protector
2.6m or 5.1m
Corner Protector
Corner Post
Inter Post
Corner Post
2.6m or 5.1m
Inter Post
Inter Post
Open In 180°
Hinge Post
Corner Post
Corner Post
Corner Protector
1.3m
Slam Post
Corner Protector
Open Out 180°

Cranked post extensions

Product Technical Information

Panels:
- Mesh size 12.5 x 76.2mm - 4mm wire.
- Manufactured to BS 4102 and galvanised to BS EN 10244-2:2001 class D.
- Weld strength is 75% of the minimum tensile strength of the wire (tensile range 540-690 N/m2).
- Panels powder coated RAL 9005 Black
(other colours available on request subject to lead time).

Fire Resistant

Posts:
- Post size: 60 x 60mm SHS (3mm thick) base plated.
- Base plate size: 200 x 200mm. 18mm fixing holes.
- Post material manufactured to BS EN 10210-2:1997.
- Post tested to withstand wind speeds of up to 50mph.
- Supplied with 60 x 60mm plastic cap.
- Posts powder coated RAL 9005 black.

50mph
Tested up to force 9 on Beaufort Wind Scale

Fixings:
- Durable metal clips. Hooked insert to aid installation.
- Clips powder coated RAL 9005 black.
- M8 x 40 Fourtress tamper resistant hardened steel security screw.
- Folded corner protector: 2057 x 48.7mm.
- Corner protector powder coated RAL 1033 (Dahlia Yellow).

Gate:
- Single-leaf access gate - 1.3m wide x 2.4m high.
- 358 weld-mesh cladding.
- 50mm ground clearance at bottom of gate.
- Powder coated RAL 9005 black
(other colours available on request subject to lead time).
- Can be installed to open inwards or outwards.
- Includes self-closing hinges
- Includes lintel bar over top of gate.
- Supplied with gate restrainer (prevents gate leaf falling in the event of hinge failure).

RAL 9005
Powder Coated

Finishings:
- All powder coating to BS EN 13438:2005 (min 100 micron).

Options:
- Gatemaster digital lock (front face) + quick release push-pad and shroud (rear face).
- Gatemaster key lock (front face) + quick release push-pad and shroud (rear face).
- Expansion posts & mesh panels (to increase perimeter size as needed).

Alexandra