

Q40 Tower Crane Protection Specification

To be read in conjunction with Preliminaries/General conditions

Description: Bolt-down temporary tower crane protection system

Standard: BS 6180:2011
BS 1722-14 Fences Part 14
BS 5975:2019
BS EN 1991-1-4:2005+A1:2010
UK National Annex Eurocode 1: Actions on structures - Part 1-4:
BS EN ISO 1461: 2009

Manufacturer: Panthera Group Ltd info@pantheragroup.com
Tel. 0845 165 1234 www.pantheragroup.com

Product Reference: CraneSAFE™ - Tower Crane Protection System

Panel type: Mesh and wire.

Support options: Bolt-down

Panel width: 2000mm and 1556mm

Wire diameter: 4mm nominal

Mesh size: 76.2 x 12.5mm

Available heights
Select as required: 2930mm/3550mm

Nominal height: 3.0m/3.6m

Finish: Hot dip galvanised to BS EN ISO 1461: 2009

Top edge projection: n/a

Security topping options: Anti-climb rolling spikes or white upvc tumblers on cranked brackets

Posts: SHS hot dip galvanised after manufacture as standard

Post dimensions: 80mm x 40mm. Floating corner posts 60 x 60mm

Maximum post Centres: 2500mm

Panel Fixings: Galvanised panel clip 38.5mm x 30mm
Stainless steel M8 security bolts

Foundations: Minimum concrete grade RC 30/37
Minimum thickness Anchor embedment+50mm
Anchor type 1 Minimum 150mm* (Anchor embedment+50mm)
Anchor type 2 Minimum 200mm* (Anchor embedment+50mm)

*Foundation to be confirmed by the permanent works engineer as adequate to resist the applied post overturning and shear forces

Security Level: High

Vehicle Gate: n/a

Pedestrian Gate: Compatible with EnviroHoard™ single pedestrian gate

Warranty: 10 years against manufacturing defects on concrete and steel parts only

Notes: All dimensions are nominal, for further information please contact Panthera Group

Product information is correct at time of publishing. As part of our continual improvement policy, we reserve the right to modify our products specification without notice