

# WEDGE I

(BSI PAS68) V/7500(N2)/80/90:0.0/18

## STATE OF THE ART FOUNDATION AND REINFORCEMENT



The Ezi Wedge which rises out of the ground is also constructed from beams and angle (100mm x 100mm angle) on the attack face to offer maximum impact resistance.

The Ezi Wedge is completed with a top sheet of 10mm thick anti-skid checker plate. Please note that Ezi offers a comprehensive range of complimentary products such as bollards, equipment pedestals, fencing, camera posts and pedestrian wing gates / turnstiles.

An optimal security solution for highly sensitive entry points, the Wedge I is a sound option for the maximum security against unauthorised vehicles of all sizes and weights.

Typical areas of application are embassies, government seats, research and development centres, power stations, industrial plants, military sites, airports and other high security areas.

*"THE ELKOSTA WEDGE BARRIER K12 IS DESIGNED TO GUARANTEE THE FULL LEVEL OF SECURITY"*

Design: The base frame is lowered into a sizable concrete pit with suitable drainage and constructed from 125 x 65 PFC and 200 x 200 x 13 angle. The base frame is fully welded and reinforced with 75 x 75x 8 angle struts.

### WEDGE I VEHICLE PERFORMANCE CLASSIFICATION

VEHICLE TEST WEIGHT	VEHICLE CLASS	VEHICLE SPEED	VEHICLE ANGLE	VEHICLE PENETRATION	25KG+ DISPERSION
V/7500KG	N2	80	90	0.0	18



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### STANDARD TECHNICAL SPECIFICATIONS

Design	Wedge with electro-hydraulic drive in separate drive cabinet. Optional: Wedge fitted with safety skirt
Blocking Width	2.0m, 2.5m, 3.0m, 3.5m and 4.0m
Underground Housing	L x W x H: (blocking width + 360mm) x 2100mm x 400mm
Operating Times	Raising: approx. 3.5 seconds Lowering: approx. 2 seconds (high speed raising in approx. 1 second with optional accumulator)
Blocking Element	1200mm above ground level
Impact Rate	1852 kJ (7.5 t @ 80 km/h) Crash test certified according to PAS 68 V/7500[N3]/80/90:0.0/18.0 and DOS SD-STD-02.01 Rev. A 03/2003 K12/L3
Wheel Load	100kN according to SLW60 – DIN 1072
Power	4.0kW, 400V
Control	Control board in drive cabinet, control voltage 24 V
Weight	Approx. 1900 – 2800 kg
Colour	Standard: Underground housing RAL 7030 stone grey Blocking element and cover plates RAL 7030 stone grey  Optional: Blocking element and cover plates striped RAL 3000 flame red / 9010 pure white or RAL 1007 daffodil yellow / 9005 jet black or RAL colours or DB colour tones

### STANDARD TECHNICAL DRAWING

