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Product Description

4.55mm Zincalu Super coated Trapion

Spec. No. 455BT350 Issue 3

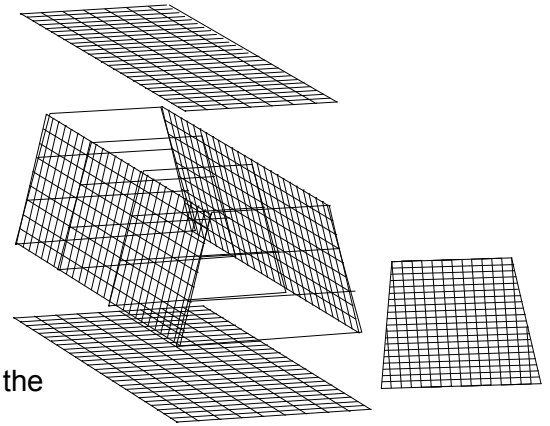
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Format:

Hesco Concertainer Weldmesh Trapions are manufactured from hard drawn mild steel wires formed into a bi-axial mesh grid and joined by electrically welding the cross wires at every intersection.

Hesco Concertainer Weldmesh Trapions: are supplied “flat packed” with factory fitted joining coils to all vertical joints. Dependant upon the configuration of the trapion:

- Lid and base panel are supplied separately with joining coils for connection on site.
- Intermediate reinforcement bars are supplied separately with joining coil for connection on site.
- Additional joining coils for connection of all base panel joints.
- Joining pins for connection of adjacent trapions.
- Pre-formed Zincalu Super coated ties for internal bracing.
- Zincalu Super coated lacing wire for permanent connection of the lids, and connection of adjacent courses.
- Trapezoidal end panels to terminate Trapions.



Specification:

Mesh Aperture	Wire Diameter	Corrosion Protection	Durability
76.2mm (3")	4.55mm 5.00mm	Zincalu Super* 350 g /m ² ave. minimum. Galvanised	60 years in a mild environment
References	BS1052	BS En 10244 –2 BS En 1461	BBA certificate no.s 00/3683

(* Zincalu Super is a 95% Zinc, 5% Aluminium alloy, proven to offer 2.5x the corrosion protection of an equivalent pure zinc coating.)

Rock-fill:

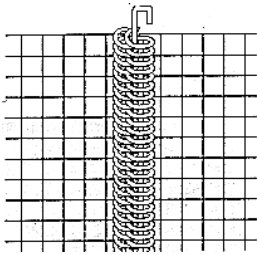
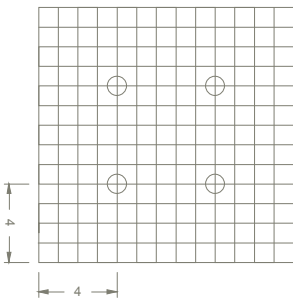
Trapion fill shall be a hard durable and non-frost susceptible (rock or stone type), block size of 100 – 150mm.

Construction:

All rock-fill shall be packed tightly to minimise voids and the rock-fill on the exposed face of the Trapion is to be hand-packed.

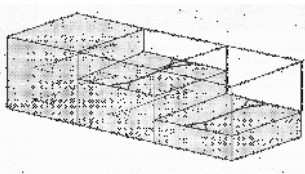
Internal bracing.

Pre-formed cross braces, to minimise deformation of the face of the Trapion, should be positioned at $\frac{1}{3}^{\text{rd}}$ and $\frac{2}{3}^{\text{rd}}$ the height of the face, positioned 4 meshes in from the panel corners for 1m deep units, and $\frac{1}{2}$ the height of the face for 0.5m deep units.



The vertical joints of adjacent units are connected by inter-linking vertical joining coils and inserting a locking pin, front and rear of the Trapions. The horizontal joining coils connecting the lid should be positioned at the front of the trapion.

Filling:



The Trapions should be filled and braced in sequence and such that the mesh lid bears onto the rock fill. The lid should be wired down along all joints and across the diaphragms. Adjacent courses should be connected by continuous lacing along all the horizontal front and rear joints.