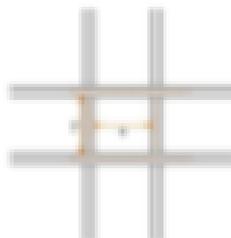


Gabion Design Specification : Bi-Axial Welded Mesh

GABION EN1300



BS EN 1300:2004 (EN 1300:2004)

Standard Dimensions (a and b) - Chequer, Triax, Hexagonal, Triax

Below are to be made/checked or supplied by:

Environment, Green Street Business Park, Blyth, North Northumberland, NE7 5NR

Telephone: +44 (0)1661 434 600 Fax: +44 (0)1661 434 602 Email: enquiries@greengardengabions.co.uk Website: www.greengardengabions.co.uk

The certification, materials, manufacture, assembly and installation of the above mentioned product shall comply with all of the following criteria:

Certification

1. All gabion products are manufactured in accordance with the requirements of BS EN 1300 (2) & (3) (3) where the gabions are considered to have a life expectancy of greater than 50 years in a 'low aggressive' (2) environment' (ref. BS EN 12617 (2012) Table 1).

2. Evidence of relevant certificates of conformity with respect to wire strength, weld strength and coating weights used in the manufacture of the mesh fabric and wire products are to be issued upon request.

Materials

The wire used in the manufacture of the gabions and installation accessories shall comply with the following:

Mesh Fabric

The mesh fabric shall be formed by electrically welding at each and every intersection, hand drawn steel line and cross wires into a dimensionally stable bi-axial square mesh mesh of size 100mm x 100mm.

The weld strength shall be 70% of the minimum ultimate tensile strength of the wire.

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