

Gabions

Woven Hexagonal Mesh Gabion Zinc Galvanised 8/2.7

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MANUFACTURE

Link Gabions shall be manufactured from double twist hexagonal woven wire mesh in accordance with EN 10223-3.

MESH SIZE

The mesh openings should be hexagonal and of nominal dimension of 80mm x 100mm and conform to EN 10223-3.

MESH WIRE

The nominal mesh wire for the body of the gabion should be 2.7mm in diameter and of a nominal 3.4mm for the selvedge wire. Both the body wire, selvedge wire and lacing wire should be in accordance with EN 10218-2 and EN 10223-3.

CORROSION PROTECTION

Zinc galvanised to EN 10244-2 Class A (245g/m²)

JOINTING

All jointing and connections should be formed with continuous 2.2mm zinc galvanised lacing wire and/or high tensile 3mm diameter zinc galvanised "C" rings.

DIAPHRAGMS

Fixed at 1m c/c across the gabion width for all gabions equal to or greater than 2m in length.

BBA APPROVAL

Link Gabions made from PVC coated hexagonal wire mesh is BBA certified for up to 120 years design life. When using wire that has not been PVC coated then the design life should be assessed from the predicted loss of the specific coating type and coating mass based on exposure conditions.

BBA Agreement Certifies No. 00/3682 and 99/R117 (Roads and Bridges) refer.

STANDARD SIZES (NOMINAL)

LENGTH	WIDTH (M)	HEIGHT (M)
1	1	1
2	1	0.5
2	1	1
4	1	0.5
4	1	1



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