



WOVEN HEXAGONAL MESH MATTRESS GALFAN 6/2.0

MANUFACTURE: Rock Mattress shall be manufactured from double twist hexagonal woven wire mesh in accordance with EN 10223-3.

MESH SIZE: The mesh openings shall be hexagonal and of nominal dimension of 60mmx80mm and shall conform to EN10223-3.

MESH WIRE: The nominal mesh wire for the body of the mattress shall be 2.0 mm in diameter and of a nominal 2.4mm for the selvedge wire. The body wire, selvedge wire and lacing wire shall be in accordance with EN 10218-2 and EN 10223-3.

CORROSION PROTECTION: Galfan coated to EN 10244-2 Class A (215g/m2). Galfan shall be supplied from ingot source complying with ASTM B750 to include rare earth metals.

JOINTING: All joints and connections shall be formed with continuous 2.2mm Galfan lacing wire and/or high tensile 3mm diameter Galfan "C" rings.

DIAPHRAGMS: Fixed at 1.0m c/c across the mattress width. A RhinoMesh Rock Mattress that is of standard 6m length will have 5 internal diaphragms.

BBA APPROVAL: RhinoMesh Rock Mattress 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. Galfan coated wire has been assessed to have a design life of 2-3 times that of zinc galvanised coatings of comparable coating mass and similar exposure conditions.

BBA Agrément Certificates No. 00/3682 and 99/R117 (Roads and Bridges) refers.



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STANDARD SIZES (NOMINAL)

LENGTH (M)	WIDTH (M)	HEIGHT (M)
6	2	0.17
6	2	0.23
6	2	0.30
6	2	0.50*

* the specification of the 6 x 2 x 0.5m unit shall be confirmed at time of order

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Global Synthetics
AUSTRALIAN COMPANY - GLOBAL EXPERTISE

SYDNEY
P: (02) 9631 0744
F: (02) 9631 0755
E: info@globalsynthetics.com.au

BRISBANE
P: (07) 3865 7000
F: (07) 3865 4444

PERTH
P: (08) 9258 4311
F: (08) 9258 4322

www.globalsynthetics.com.au