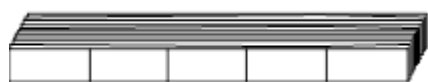


EROSAWEB GWX is a geocell that confines and stabilises the surface of slopes by means of a honeycomb of interconnected polymer strips that form cells to locate and strengthen the infill material. The polymer strips making up EROSAWEB are securely bonded at the joints by ultrasonic welding. The walls of EROSAWEB have a system of perforations which optimises the balance between mechanical and hydraulic performance.

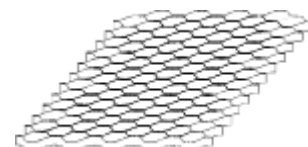
EROSAWEB GWX can be laid over stable steep slopes where the cell walls provide a tensile capacity, increasing the strength of the fill material and acting as mini-weirs to reduce run off velocity and soil loss. EROSAMAT TYPE 1 may be used over the surface of EROSAWEB GWX to aid the establishment of grass cover. On a slope EROSAWEB is normally secured to the underlying material by frequent pinning, usually with steel pins. Where this is impossible, for instance when EROSAWEB is installed over a geomembrane, the webs should be secured to a high-strength geogrid such as TRIGRID, anchored at the top of the slope. Using this inexpensive system with crushed rock or concrete fill, it is possible to construct revetments. Our Technical Department can offer advice and design proposals for the use of the material.

EROSAWEB is folded flat for transport and expanded on site.



PACKED

EXPANDED



Properties		GWX 100/300	GWX 150/300	GWX 200/300	
Depth	(mm)	100	150	200	
Cell Size	(mm)	300	300	300	nominal
Material		HDPE Perforated			
Wall thickness	(mm)	1.2	1.2	1.2	EN ISO 9863-1
Colour		Black			
Seam peel strength	(N)	1 200 N	1 800 N	2 400 N	EN ISO 13426-1B
UV stability		Excellent			EN 12224
Chemical resistance		Excellent			EN 14030
Standard pin length	(mm)	300	450	600	
Life expectancy		120 years			

Applications

Topsoil retention on slopes	✓	✓	✓
Revetment construction		✓	✓

Dimensions and Supply

EXPANDED	4 m x 6 m as standard; other sizes may be available to order
FOR TRANSPORTATION	Collapsed to 6 m x 0.1 m x depth, folded into a zig-zag shape and packed on a pallet.

Ancillaries

ABPIN fixing pins. ABFIX TIES for securing to geogrid supplied in bags of 100. EROSAMAT TYPE 1 if required.

Notes

- The values given are indicative and correspond to nominal results obtained in our laboratories and testing institutes. In line with our policy of continuous improvement the right is reserved to make changes without notice at any time.
- Final determination of the suitability of any information is the sole responsibility of the user. ABG will be pleased to discuss the use of this or any other product but responsibility for selection of a material and its application in any specific project remains with the user.
- Allowable tolerances are $\pm 10\%$ of the typical value.
- Please refer to separate sheets for installation instructions, including fixing density (number and spacing of pins etc).
- A COSHH certificate is available on request.



0799-CPD-30

EROSAWEB GWX.CE

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