

## SPECIFICATION

An economic and environmentally friendly erosion control system for newly placed topsoil and surface instability of loose slopes. The ECB's (erosion control blanket) fibres absorb the impact of rainfall with the weave of the fabric reducing run off velocity. Protects seeds until a root system has become established as HBRS slowly biodegrades forming nutrients over a 12-18 month period. Is more aesthetic than other erosion control systems due to its light brown colour and make-up.

**Construction:** An open weave of thick hessian yarn.

**Application:** Suitable for motorway cuttings and embankments, colliery tips, landscaping works etc. To control and prevent the erosion of soil and material from slopes until natural vegetation is established. For use above the level of regular water inundation.

**Properties:**

|                               |  |
|-------------------------------|--|
| Dimensions:                   | 1.22m wide x 68.50m long (84m <sup>2</sup> ) |
| Warp ends approximately:      | 64 per metre                                 |
| Weft ends approximately:      | 46 per metre                                 |
| Yarn thickness approximately: | 5mm  |
| Open area approximately:      | 65%  |
| Weave type:                   | Single yarn open                             |
| Weight:                       | 500g per m <sup>2</sup>                      |
| EBC Life expectancy:          | 12-18 months                                 |

**Supply:** Rolled  
Weight of 25kg each  
Packed individually by roll

**Fixing:** 200mm 'J' fixing pin @ 2-3 per m<sup>2</sup> and dependant on soil conditions, lap allowance 5%

**Hazards:** None, HBRS is a fully biodegradable material

## METHOD STATEMENT

All work will be carried out by our trained operatives wearing the necessary personal protective equipment, (safety boots, high visibility vests, hard hats, gloves).

Until in use the hessian matting will be stored in rolls to prevent any possible damage occurring.

Areas that require HBRS will be graded smooth (but not compacted), to a finished line and level by others before work starts and be free of weed or debris so that the ECB is in contact with the surface of the ground and no voids are present between the blanket and the soil.

Where space allows, an anchor trench is to be dug by others at the top and bottom of the slope.

On larger areas the ECB will be laid out (top to bottom), down the surface of the slope with the first 0.5 metres of blanket being placed into the top trench and then back filled to help anchor the HBRS.

Steel or plastic pins will be used at intervals down the slope and at joins to secure the HBRS to the slope, the length of pin may vary depending on the material of the slope.

One steep slopes, access onto the area to pin/secure the blanket in place will be arranged by the client (i.e. via ladders, cherry pickers, etc.).

The blanket will be cut at the base of the slope and where possible, placed into the bottom trench dug by others and back filled to reduce possible slack and to give further support.

Once fitting of the ECB is complete the surface will then be hydroseeded with a specified seed mixture so that the blanket is no longer visible.

Upon finishing, any waste material resulting from the works, together with any packaging etc, will be disposed of off site and the area left in a clean and tidy condition in accordance with good housekeeping practices.

Should you require any further information please contact our technical department on **01453 511365**.