

HESSIAN BLANKET RETENTION SYSTEM

SPECIFICATION

An economic and environmentally friendly erosion control blanket supports growth for newly placed topsoil and surface instability of loose slopes. The mesh of hessian/jute fibres absorbs the impact of heavy rainfall with the weave of the hessian/jute 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 it's 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 ²)
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 or 300g per m ²
Life expectancy:	12-18 months

Supply:

- Folded flat
- Weight of 25kg each
- Packed 10 per bale
- Bale dimensions of 1.28 x 0.5 x 0.5 metres (250kg)

Fixing: 200mm 'J' steel pin or 300mm wooden pegs depending on ground 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 it's use the hessian matting will be stored in bales to prevent any possible damage occurring.

Areas that require HBRS will be graded to a finished line and level by others before work starts and be free of weed or debris.

Where space allows, a trench is to be dug by others (unless specified by the client) at the top and bottom of the slope.

On larger areas the hessian/jute blanket 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.

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

Once fitting of the HBRS is complete the surface will then be hydroseeded with a specified seed mixture.

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**.