

## Economical Erosion Control

EconBlankets provide the conditions for vegetation to stabilise soil



**A.G.A. EconBlankets are extremely economical. The mesh supports high quality natural materials that are evenly distributed and stitched to ensure the best possible results for slope stabilisation.**

A.G.A. EconBlankets are available with four options. Each of these has been developed to offer the best performance under varying conditions.

Choose between fully biodegradable or medium term reinforcement systems.

### Product descriptions:

#### EconB SP

100% bio-degradable straw/hay mixture stitched between slow degrading PP netting.

#### EconB CP

100% bio-degradable coir stitched between slow degrading PP netting.

#### EconB SJ

100% straw/hay mixture stitched between bio-degradable jute mesh.

#### EconB CJ

100% coir stitched between bio-degradable jute mesh.

### Construction

EconBlankets are approximately 7mm thick. They are made from either straw - hay and / or coir fibre, then quilted and packed to form rolls.

The EconBlankets are normally laid over a prepared and sown seed bed to achieve the fast establishment of the selected vegetation.

The A.G.A. Group are committed to help you to sustain the environment.



Once vegetation has established the quilt and photodegradable material will disappear during years 1 to 3.

### EconBlankets are used to:

- Protect newly soiled embankments
- Vegetate and green new cuttings
- Grass line the banks of watercourses
- Edge lakes and balancing ponds
- Enhancing reinforced soil structures
- Promote the establishment of wild flower seeds

While A.G.A. Group regrets it cannot warrant EconBlanket products to perform under unlimited conditions due to such variables as, moisture, soil type and installation method which are beyond our control, we will always help recommend the optimum grade if given installation parameters.



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CONCEPT TO COMPLETION

# A.G.A. ECONBLANKET

**A.G.A. EconBlankets make projects within environmentally sensitive areas easier to manage and help the landscape return rapidly to its natural state.**

### Benefits of Econblankets

- Environmentally friendly
- Instant soil protection
- 100% biodegradable
- Little or no remaining synthetic residues
- East to install on undulating ground
- Can be laid by unskilled labour
- Creates micro climate
- Allows water to penetrate under seeding
- Helps retain moisture
- Protects under-seeding from birds
- Reduces risk of runoff
- Helps establishment of indigenous plants
- Prevents sediment polluting water



### Technical Information

Product Description	EcoB SP		EcoB CP		EcoB SJ		EcoB CJ	
Fibre content 100%	Straw/hay		Coir		Straw/hay		Coir	
Width (m)	1.2	2.4	1.2	2.4	1.2	2.4	1.2	2.4
Length (m)	70	50	70	50	70	50	70	50
Area (m <sup>2</sup> )	84	120	84	120	84	120	84	120
Roll weight (kg)	24	33	24	33	32	45	32	45
Weight (gm/(m <sup>2</sup> ))	270 - 300		270 - 300		370 - 400		370 - 400	
Functional longevity (months)	~ 12		~ 30 - 36		~ 12		~ 12	
Top and bottom net	PP		PP		Jute		Jute	
Slope recommendation	3:1 - 2:1		1:1 or >		3:1 - 2:1		1:1 or >	
ASTM Standards								
D4595 Tensile Strength (kg/m)	54 x 21		100 x 43		54 x 21		54 x 21	
D4491 Short term flow velocities	2.74 m/s		4.26 m/s		2.74 m/s		4.26 m/s	
* PP brown coloured thread used in stitching is UV degradable								
Separate comprehensive specification sheets available on request								

The A.G.A. Group installation teams operate solely within the field of aquatic and bioengineering. We operate a policy of 'Best Practice' and are bound by the Code of Conduct of both the Institute of Fisheries Management and the Society of Biology. The A.G.A. Group will quote for the supply of materials, their installation or for 'turnkey' projects.

**The A.G.A. Group is validated by the nationally recognised SAFE CONTRACTORS SCHEME**

**Quality assured to: ISO 9001 : 2008 and ISO 14001 : 2004**



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