


## ORGANIC BLANKETS FOR EROSION CONTROL

- Absorb the kinetic energy produced by the erosive particle –water drops, wind, snow, etc.-
- Increase water retention capacity of the soil since they avoid water loss due to evaporation.
- Regulate the soil temperature since they protect it from heat and cold exposure.
- Become a component of the soil itself developing into an organic horizon.
- Complement to auxiliary elements in the public work like curbs, ditches, etc
- Reduce the conservation costs because they avoid soil losses which filled and damaged drainages and ditches.
- High performance and complete landscaping integration.
- Easy installation and low costs

### BONTERRA K<sub>N</sub>

(COIR ORGANIC BLANKET WITH UV STABILIZER TREATMENT NETTING)

#### TECHNICAL DATA

<b>Applications</b>	Laminar Erosion		
	Unfertile and sunny slopes		
<b>Composition</b>	<b>Natural:</b> 100% coir (Approx. density: 182- 307 g/m <sup>2</sup> ) <b>Synthetical:</b> polypropylene (Density 42,39 g/m <sup>2</sup> )		
<b>Presentación</b>	In Rolls	<b>Length:</b> 40m <b>Width:</b> 2m <b>Approx. Diameter:</b> 0,50m	
<b>Structure</b>	<b>Thread:</b> Polypropylene (PP)1000 den	<b>Weight:</b> 3,33g/m <sup>2</sup> <b>Colour:</b> black <b>Toughness:</b> 4,12 g/den	
	<b>Netting on both sides:</b> polypropylene (PP)	<b>Top netting:</b> black polypropylene <b>Weight:</b> 19,53g/m <sup>2</sup> <b>Mesh size:</b> 19,54 mm x 19,54mm <b>Lengthwise tensile strength:</b> 2,106 KN/m <b>Crosswise tensile strength:</b> 2,163 KN/m	
<b>Average breaking strength</b>	<b>Lengthwise</b> 5,32 KN/m		
	<b>Crosswise</b> 3,78 KN/m		

**BonTerra Ibérica: Eficacia contra la erosión**

BonTerra es miembro de:

C/ Atlanta, 4 - Bajo. Portal C  
 18014 Granada España  
 Tel.: +34 902 200 502 Fax: +34 958 172 285  
[tecnico@bonterraiberica.com](mailto:tecnico@bonterraiberica.com)

## WIDE-WIDTH TENSILE TEST

Standard: UNE EN ISO 10319:1996

Apparatus: INSTRON Dynamometer

Direction	Average breaking strength (KN/m)	C.V.(%)	Extension at max. Load (%)	C.V.(%)
Lengthwise	5.32	8.8	32.33	11.4
Crosswise	3.78	8.9	27.42	19.0

Direction	Percentage	Average secant module (KN/m)	C.V. (%)
Lengthwise	2%	25.25	12.2
	5%	24.7	7.4
	10%	23.9	7.8
Crosswise	2%	27.5	5.0
	5%	23.2	1.6
	10%	20.15	1.7

Direction	Rate of deformation (%/ min.)
Lengthwise	20
Crosswise	18

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