

TerraTex® Bio Fence

Geotextile Erosion Control

terrafix®
geosynthetics inc.



While silt fences are simple and cost-effective, they are also made from petroleum-based plastic materials.

The TerraTex® Bio Fence from terrafix® is an enhanced alternative to petroleum-based plastic silt fences for erosion control.

Responsible land development doesn't have to lack environmental stewardship. Be a leader in the construction industry and embrace alternatives with TerraTex® Bio Fence.

- Engineered with coconut burlap fibers for erosion control
- A superior alternative to traditional silt fences
- Offers effective sediment retention and erosion control
- Reduces long-term environmental impact
- Patent pending

Visit terrafixgeo.com to learn more
Connect with us at info@terrafixgeo.com

TerraTex[®] Bio Fence

Assembled Unit Components:

- Geotextile Fabric: 80g Spunbond
- Fabric Height: 24 in.
- Support Fabric: 10 oz. Natural Burlap
- Fabric Height: 36 in.
- Post Size: 1.5 x 1.5 x 48 in. Nominal
- Post Spacing: 10 ft.
- Unit Length: 100 ft.

TerraTex[®] Bio Fence is comprised of a spunbond, nonwoven geotextile made of polylactic acid fiber (PLA) stitch-bonded to coconut burlap fibers. It is resistant to ultraviolet degradation and heat, and does not contain any petroleum-based materials. TerraTex[®] Bio Fence is manufactured to meet the following values:

PROPERTY	TEST METHOD	VALUE
Tensile Strength (Grab)	ASTM D4632	116 x 98 lbs.
Elongation	ASTM D4632	8%
CBR Puncture	ASTM D6241	455 lbs.
Trapezoidal Tear	ASTM D4533	30 x 23 lbs.
UV Resistance (500 hrs)	ASTM D4355	90%
Apparent Opening Size (AOS)*	ASTM D4751	70 US Std. Sieve
Permittivity	ASTM D4491	0.15 sec ⁻¹
Water Flow Rate	ASTM D4491	11.5 gpm/ft ²

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