

SEDIMENT BARRIER

TERRACHECK[®]

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BIODEGRADABLE SEDIMENT AND EROSION CONTROL

TERRACHECK[®] is a temporary barrier of recycled, needle punched & stitched biodegradable fibres that temporarily impounds sediment-laden runoff, to reduce sheet flow* and capture sediments.

*'Sheet flow' means water runoff which flows over the ground surface as a thin even layer, not concentrated in a channel.

APPLICATIONS

- Detain runoff flows so that deposition of transported sediment can occur through settlement
- Filter sediment to help mitigate the risk of fine sediment reaching waterways
- Replaces the standard synthetic silt fence in low risk applications where the required performance will be met using TerraCheck.

ADVANTAGES

- Very durable
- Low environmental impact
- Biodegradeable
- Recycled
- No removal required
- Low visual impact, looks natural
- Easy to install
- Low overall cost.
- No disposal costs if the fence is left to degrade
- No injuries resulting from installing waratahs

LIMITATIONS

For sheet flows only, not concentrated flows.

In areas of high rainfall or as a secondary protection measure, multiple fences could be considered to ensure the catchment capacity is maintained.

Not to be used to dam a channel to reduce velocities or placed where it will intercept concentrated flows.

Contact your local council or regulatory body prior to installing to ensure approval for its intended use.

COMPARISON

TERRACHECK	SYNTHETIC BARRIERS
100% Biodegradeable	Requires removal to landfill or deconstruction for reuse
Low carbon footprint	Higher carbon footprint
wool releases nutrients into the soil as it biodegrades	May release microplastics
NZ made using waste wool, jute, cotton and bamboo	Uses imported synthetic materials
Low cost, NO removal required	Higher installation and removal costs
Simple installation tools	Heavier installation equipment

SPECIFICATIONS

ROLL	WIDTH	AREA	WEIGHT	DENSITY	HEIGHT
50m	450mm	25m ²	10kg/roll	500gsm	250mm
POLES	SPACING	LENGTH	THICKNESS		
x100	500mm	500mm	15–5mm		

COMPOSITION

100% Biodegradable Material: Wool fibre, Jute reinforcing, Cotton stitching and Bamboo poles.

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