

Embankment stabilization



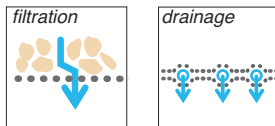
Our products

● **teradrain®**
FDF300-T
p.55

● **teracro®** TD
p.67



Trench drains

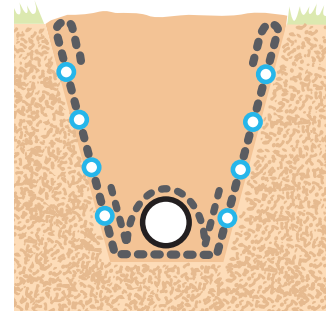


Screens made of a needle-punched nonwoven composite with a network of mini-drains:
teradrain® FDF300-T

- filtration
- drainage

The trench drains used to collect water seeping into the embankment structure traditionally executed with stones, can advantageously be replaced with prefabricated barriers manufactured by us in

the workshop on a customized basis, quick and easy to install, a needle-punched nonwoven composite sheet with a network of mini-drains:
teradrain® FDF300-T.



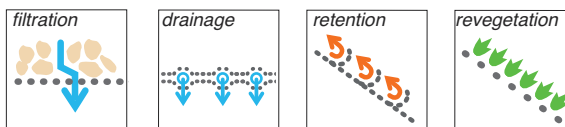
Our specifications

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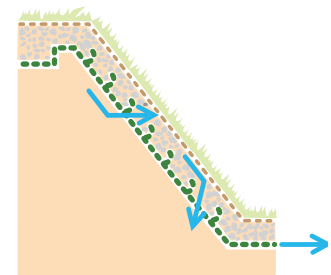


Drainage blanket



Geocellular draining structure:
teracro® TD

- filtration
- drainage
- retention
- revegetation



The stabilization of embankments, often in excavations with water infiltration, is treated with drainage blankets comprising a geotextile filter with rockfill on top.

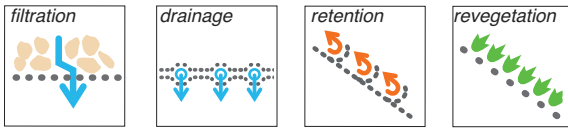
The **teracro® TD** geocellular structure is the efficient, economical alternative.

It allows the site materials to be re-used and ensures retention and drainage.



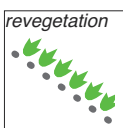
Embankment stabilization

Gully erosion control



Geocellular draining structure: teracro® TD

- filtration
- drainage
- retention
- revegetation



Natural canvases:

teranat®, jute,
coconut-fibre

- revegetation

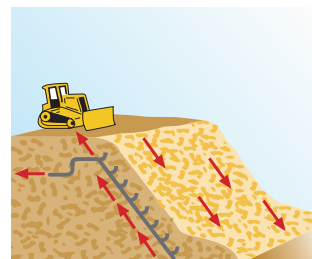
Gully erosion of embankments by runoff water can be easily prevented by application of the **teracro® TD** filtering barrier structure.

The **teracro®** geocellular structure stops erosion and prevents gullying. It allows the site materials to be re-used and ensures retention, drainage and revegetation.

Our products

● **teracro® TD**
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● **teranat®**
p. 77



Our specifications

▲ **teracro® TD**
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**our engineering
structure solutions**



Embankment stabilization

Our products

- **teradrain® RIV**
p.61
- **bontec® force**
HS or SG
p.50, 51

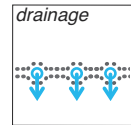
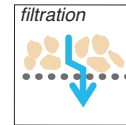


Drainage trenches

Prefabricated screen with a network of mini-drains:

teradrain® RIV

- filtration
- drainage



A drainage trench running along the top of the embankment captures seepage and prevents its resurgence on the slope.

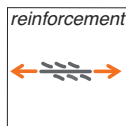
The **teradrain® RIV** prefabricated synthetic drainage trench with a network of mini-drains can economically replace the geotextiles and aggregates of the traditional solution.

Our specifications

- ▲ **teradrain® RIV**
p.96
- ▲ **bontec® force**
HS or SG
p.96



Reinforced earth retaining structure



Polyester or polypropylene wovens:

**bontec® force HS
or SG**

- reinforcement

A perfect combination of granular materials and **bontec® force** products, reinforced earth backfills allow embankment retaining structures to be executed, stiffened to gain land area, or to bear road shoulders or buildings.



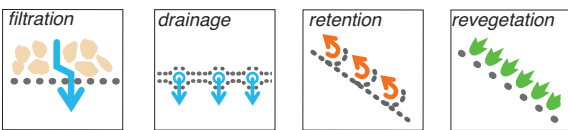


**our engineering
structure solutions**



Embankment stabilization

Flexible drainage channels, trenches, gutters



Flexible drainage channel:

teracan® , terapro®

● waterproofing



Many embankments collapse due to the lack of a drainage channel to recover water at the top.

Flexible geosynthetic drainage channels are an economical alternative, easily and quickly installed.

teracan® is the apparent uncoated solution, while **terapro®** is to be covered with materials.

Our products

● **teracan®**
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● **terapro®**
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Our specifications

▲ **teracan®**
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▲ **terapro®**
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