



**our engineering
structure solutions**



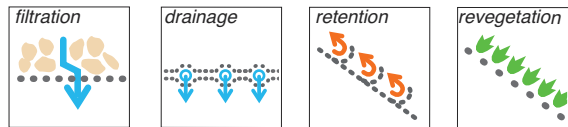
Protection of embankments, coastal protection, rivers, lakes, ponds

Our products

- **teracro®**
p.63
- **teranat®**
p.77



Revegetation



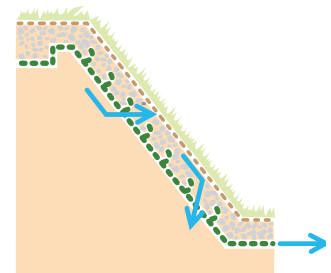
Geocellular structure:
teracro®

- retention
- filtration
- drainage
- revegetation

Natural canvases:
teranat®

- revegetation

Revegetation requires retention of the nourishing earth either by geocellular structures, geo-containers or on the surface by anti-runoff canvases, and often by the two combined.



Our specifications

- ▲ **teracro®**
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- ▲ **teranat®**
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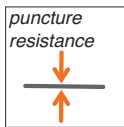


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Under rockfills

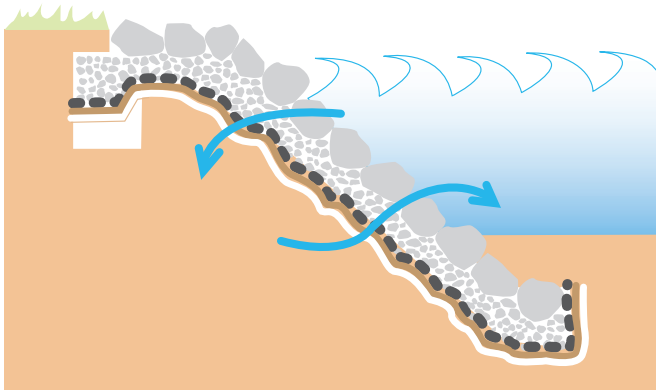


Two-layer needle-punched nonwoven terabloc®:

F-VNW 500

F-VNW 800

- filtration
- puncture resistance



Heavy mechanical loading on the slope due to the placing of more or less large blocks and heavy hydraulic loading due to the hydrodynamic impact of the waves creating an alternating filtration led **térageós** to design the **terabloc®** F-VNW product range.

Our products

- **terabloc®**
F-VNW 500
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- **terabloc®**
F-VNW 800
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- **teracro®**
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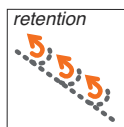
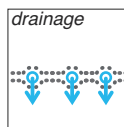
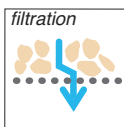


Our specifications

- ▲ **F-VNW 500**
p.85
- ▲ **F-VNW 800**
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- ▲ **teracro®**
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Wake and wave protection

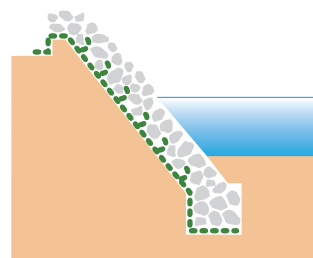


Small 100-250 blocks in geocellular structure:

teracro®

- filtration
- drainage
- retention

Wave action or excessive erosion requires imperceptible embankment protection, by small blocks held in a geocellular structure.



Protection of embankments, coastal protection, rivers, lakes, ponds



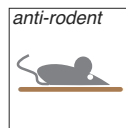
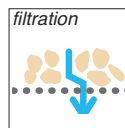
Our products

● HF360
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● terastop®
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Posts and planking technique



Monofilament woven:

HF360

- filtration

Metal-reinforced non-woven:

terastop®

- filtration
- anti-rodent

The posts and planking technique consists of posts, often wooden, planted in the embankment, on top of which is a guard rail and over which an **HF360** or **terastop®** anti-rodent monofilament geotextile is stretched, to act as a retaining structure and filter on the edge of the embankment.

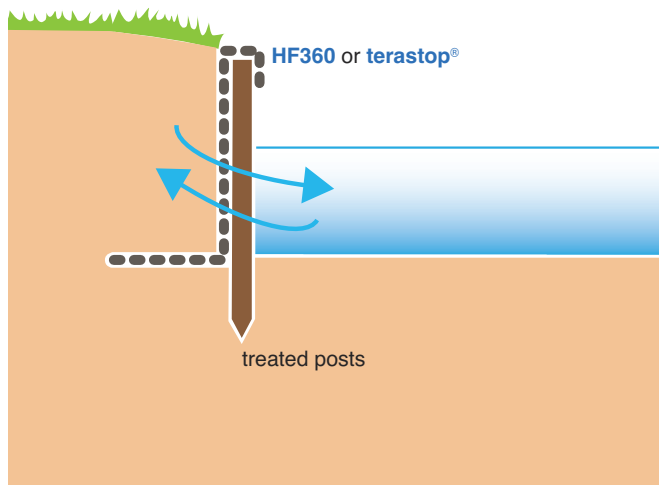
This technique provides embankments stabilized against wave pressure and against erosion due to human presence.

It allows revegetation of the embankments.

Our specifications

▲ HF360
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▲ terastop®
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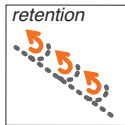
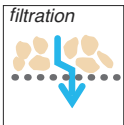


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Geobags, geocontainers



Polypropylene woven strips:

bontec® SG

- filtration
- retention

Needle-punched polypropylene nonwovens:

filter, **bontec® NW optim**

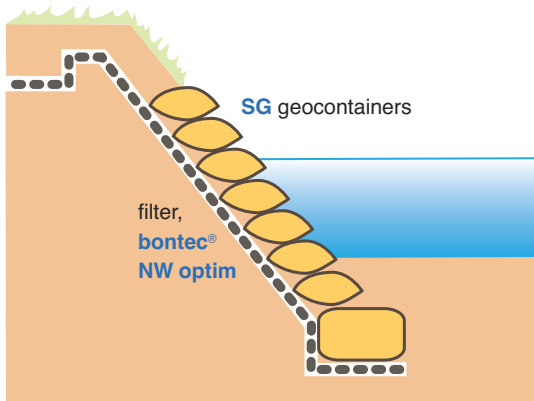
- filtration

Geocontainers are made of **bontec® SG** woven polypropylene geotextiles by stitching. They are available in all shapes and sizes, as bags, and large envelopes of several metres.

They are filled with earth or various aggregates near the site or by pumping.

Our products

- **bontec® SG**
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- **bontec® NW optim**
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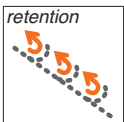


Our specifications

- ▲ **bontec® SG**
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- ▲ **bontec® NW optim**
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- ▲ **teramat®**
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Mats filled with sand or concrete



Polyester-polyethylene wovens:

teramat®

- retention

Teramat® mats consist of two flexible geosynthetic sides, held together by spacer wires or by stitching, between which sand or mortar is injected by pumping.

