

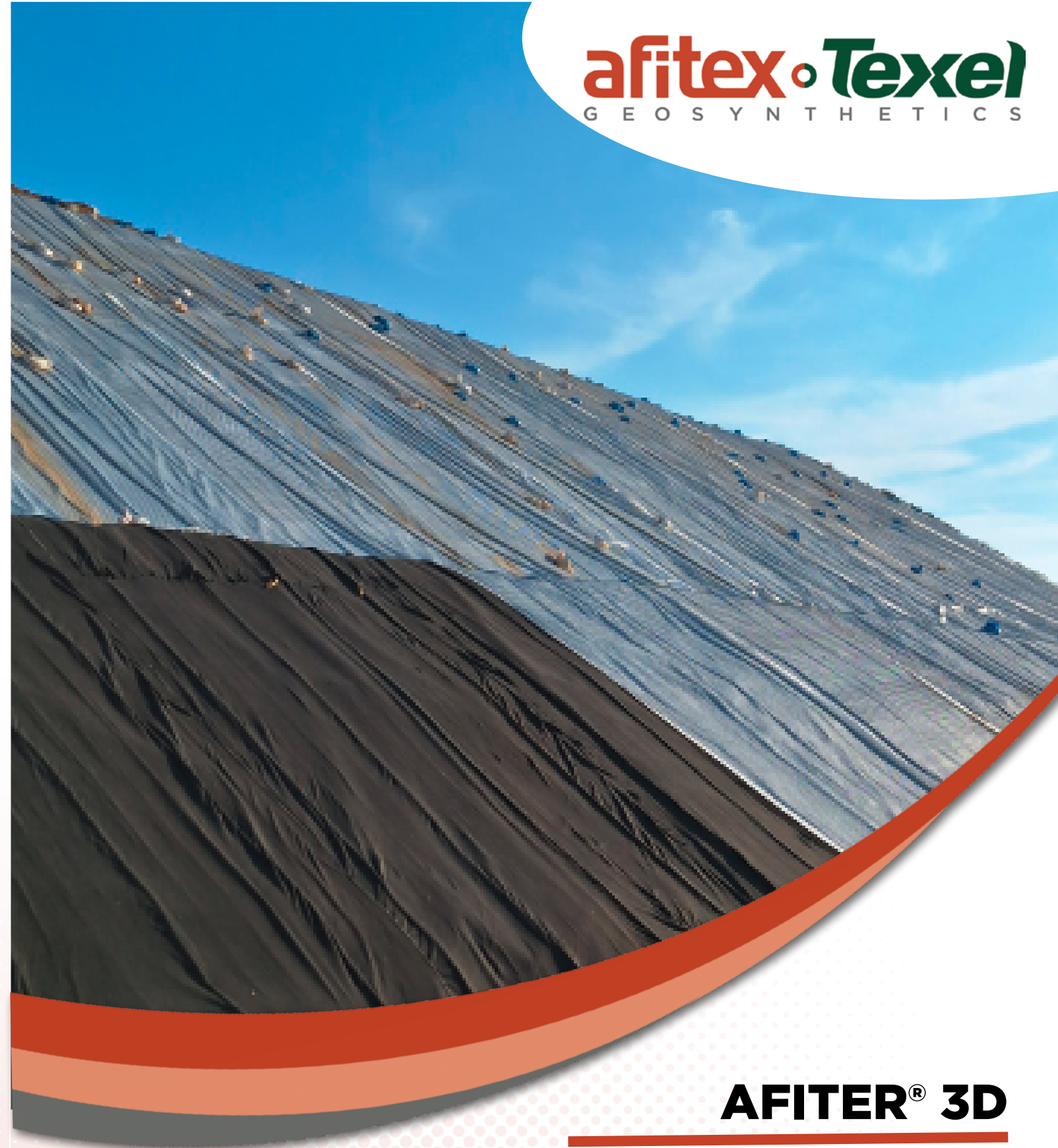


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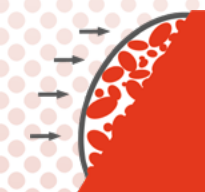


AFITER® 3D

**Anti-puncture,
earth-holding solution**



Earth retention



Erosion control

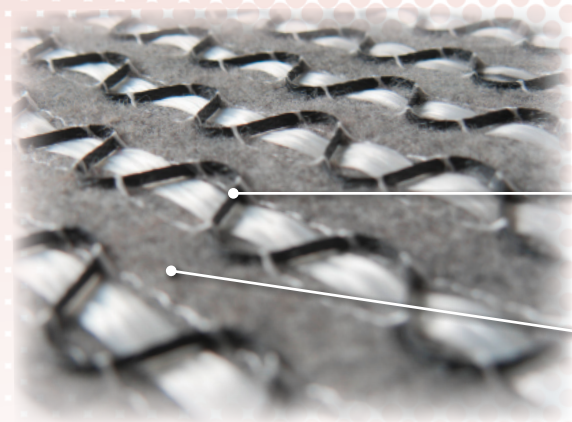


Protection

AFITER® 3D

Anti-puncture ground-holding solution

The slopes of natural structures or slopes are subject to climatic stresses that gradually lead to erosion. This deterioration causes instability that can threaten the safety of users and result in significant restoration costs. In response to this problem, AFITEXINOV has developed and patented a brand new earth anchoring solution: the **AFITER® 3D** range, the first innovation to combine the specific know-how of its 2 French production sites.



AFITER® 3D G is the basic variant in the range. It is an earth retaining geocomposite consisting of:

a flexible three-dimensional reinforcement geogrid made from synthetic reinforcement cables (PET, PVA, etc.)

a nonwoven anti-puncture geotextile made of polypropylene.

Advantages of this ground-holding solution

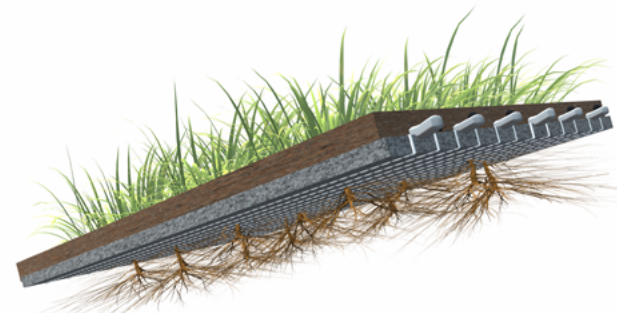
- Stabilises the soil,
- Maintain topsoil or granular materials in place,
- Controlling erosion caused by climatic conditions,
- Encourages revegetation.

AFITER® 3D G can also be used to protect the geomembrane, thanks to its anti-puncture geotextile. It thus ensures the stability of a layer of fill material on an embankment by increasing the friction between this fill layer and the support (excluding climatic aggression, but simply due to slippage). The forces due to the weight of the earth are not absorbed by the geomembrane.

The **AFITER® 3D** range is particularly well suited to structures:

- Road infrastructure,
- Covering waste storage facilities (ISD),
- Hydraulic structures

It ensures that they blend in better with the landscape, by making it easier to plant them. This solution retains moisture, which encourages vegetation on slopes and embankments.



**Immediate
tensioning, with
no shearing
effect**

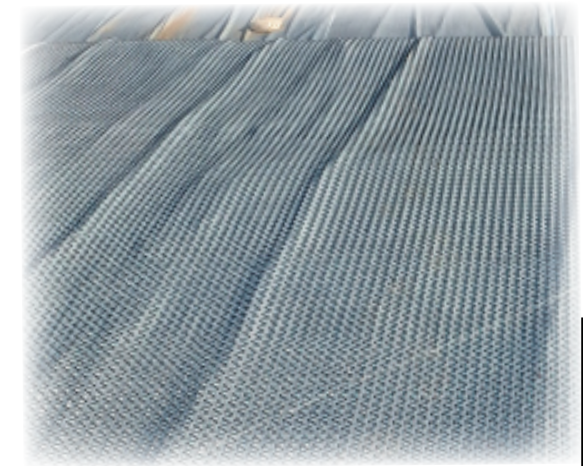
Installing this soil-retaining solution is extremely quick and easy, as it unrolls just like a standard geotextile.

The product does not need to be anchored or hooked into the slope. It only needs to be fixed at the top, and its flexibility means it can adapt perfectly to the slope.

**For
slopes
&
embankments
up to 3H/2V**

MULTI-PURPOSE

- Soil retention,
- Erosion control,
- Revegetation,
- Anti-puncturing,
- Moisture retention,
- Separation/filtration,
- Drainage (for the DRAINTUBE® version).



More info ?
Flash this code !

GAMME AFITER® 3D



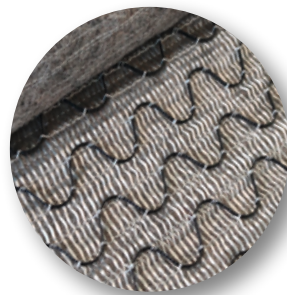
AFITER® 3D G
combines a reinforcement geogrid with an anti-puncture nonwoven geotextile. This is the classic version of the range.



AFITER® 3D T
The anti-puncture geotextile is replaced by a finer separation/filtration geotextile, allowing roots to pass through for deeper root anchorage in the embankment, ideal for shrub-like vegetation.



AFITER® 3D DRAINTUBE®
In this variant drainage function is added to AFITER 3D® G is combined with the DRAINTUBE® drainage geocomposite.



AFITER® 3D 0/100
The reinforcement is crosswise, making it particularly suitable for small slopes, so that the product can be rolled out horizontally to save installation time.

BENEFITS

- Multifunctional global solution
- Reduces the footprint of structures by increasing slopes.
- High stability over time for greater durability of structures.
- Easier planting of structures to blend in with the landscape and reduce carbon footprint.
- Easy and quick to install.
- Fights erosion.
- Does not crush under the weight of soil.
- Large range of traction able to go up to 450 kN/m.
- Large width (3.90 m) / roll lengths and layouts available on request.