



**our engineering
structure solutions**



Reinforced earth

Our products

- **bontec® force HS or SG**
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- **teraforce®**
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- **teradrain®**
p.55



Our specifications

- ▲ **bontec® force HS or SG**
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- ▲ **teradrain®**
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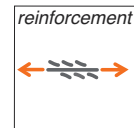


Backfill structure

Polyester or polypropylene woven reinforcement sheet:

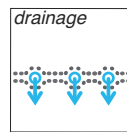
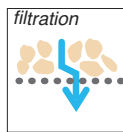
bontec® force HS or SG ● reinforcement

cable-reinforced nonwoven:
teraforce® ● reinforcement



The backfill structure is built in compacted layers with the insertion of a **bontec® force HS** woven strengthening sheet in polyester or **SG** in polypropylene, about every 50 cm. This allows stiffened embankments and earth walls to be built economically and quickly.

Foundation drainage



Needle-punched nonwoven composite sheet with a network of mini-drains:

teradrain® FDF300-T ● filtration
● drainage

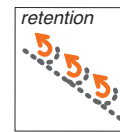
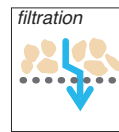
The drainage mat or drainage blanket, traditionally of fine gravel, can be economically and reliably replaced by the needle-punched nonwoven composite sheet with a network of mini-drains:
teradrain® FDF300-T.





Reinforced earth

Various claddings



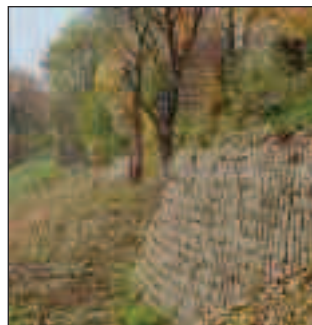
The cladding must be stabilized against erosion. Several types of cladding finishes are available, economical and appropriate for the desired appearance.

They can be executed with recycled tyres, cellular concrete blocks, welded wire mesh, or gabions.

These cladding elements are joined to the reinforcing sheets by friction or bonding, and are all plantable.



concrete block cladding



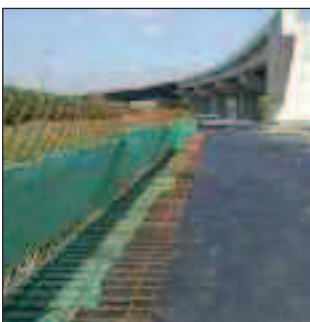
various available patterns



cladding of recycled tyres, plantable and economical



after revegetation



plantable wire mesh cladding

