





teradrain® RIV


Our solutions
on engineering
structures



 **waste storage**
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 **reinforced earth foundation**
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 **roads, railways, roadbeds**
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 **sports ground**
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Our specifications



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prefabricated drainage trench consisting of a vertical screen incorporating a network of mini-drains and a filtering pocket for main base drain.

Advantages

- **teradrain® RIV** reduces earthworks and expensive filler materials: the excavation opening is as narrow as possible, and it is backfilled with site materials,

- **teradrain® RIV** is laid in one piece: this simplifies logistics by avoiding procurement of the filtering geotextile and aggregates,

- **teradrain® RIV** is light and flexible, made-to-measure and ready-to-use,

- already fitted with its filter pocket for the main drain, **teradrain® RIV** is easy and quick to install,

- **teradrain® RIV** is efficient due to its filters on the outer surfaces,

- **teradrain® RIV** is efficient due to the network of perforated mini-drains incorporated diagonally in the screen: seepage capture is guaranteed,

- **teradrain® RIV** has a fastening band at its top as original equipment,

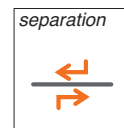
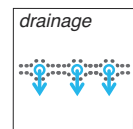
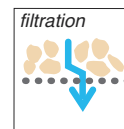
- **teradrain® RIV** is available in a wide range of heights and functionalities.

Description

teradrain® RIV is a ready-to-use vertical filtering and draining screen including a filter pocket for the main drain. The top of the screen is closed by the filter sheath to prevent the ingress of soil fines.

The network of incorporated mini-drains of diameter 20 mm is ringed and multi-perforated, and arranged diagonally relative to the vertical so as to ensure the capture of seepage waters, and has a drainage capacity of 720 l/h per mini-drain.

The compressive strength of the mini-drains is 900 kPa in the soil.



Installation technique

- insert the main base drain in the filtering pocket, fastening it to the wire puller provided for the purpose,

- at the end of the roll, peel the various layers of **teradrain® RIV** over a width of 30 cm, and insert the next roll,

- join the strips together by thermal bonding with hot air using a simple hot air gun or hot gas gun,

- please contact **teragéos** for any sizing work or for technical assistance.

Packaging

teradrain® RIV is available in rolls of height 0 to 3 m x length 12 to 50 m. Large heights on request.

