

BLUELITE-NET

Innovative Underground Irrigation Systems



Our **BLUELITE-NET** irrigation system has been developed for the underground irrigation of athletic fields, green roofs and lawns to save both water and money.

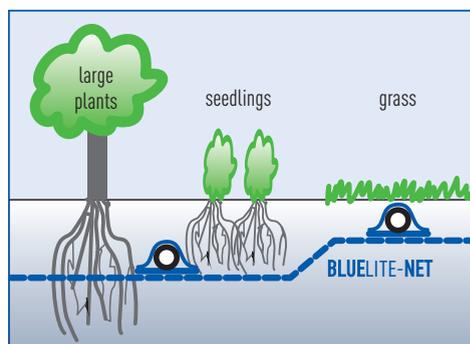
BLUELITE-NET consists of an **irrigation pipe** which feeds the water into a nonwoven **distribution net** which spreads water extensively and consistently at the root level. The voluminous nonwoven net consists of up to 90% interconnected air voids to masterfully retain and feed water.

Underground irrigation blocks evaporation, felting and waterlogged soil. As a result, irrigation is possible at all times even when the area is in use.

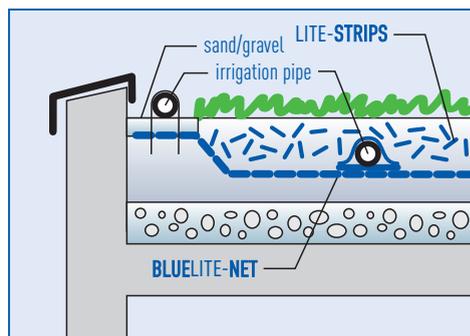
Due to the **open** and **flexible** design of the net, there is no barrier effect whatsoever. In other words, plant roots may easily grow through the net and anchor themselves around the net. Therefore 100% of the water retained in the nonwoven is accessible to the plants (up to 10 l/m² depending on the application).

The nonwoven **BLUELITE-NET** can be placed in soil at any depth to best meet plant needs. This includes placing **BLUELITE-NET** in many formations or layers.

The result: a wide variety of plants are provided with the air and moisture they need to grow and thrive.



Plant roots may easily grow through the LITE-NET



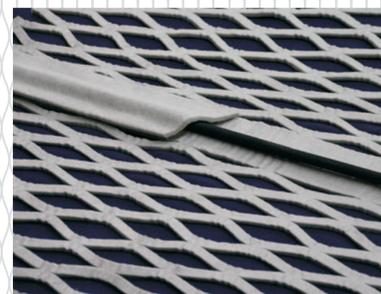
BLUELITE-NET for green roofs



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Key Advantages

- Extensive distribution of water without evaporation
- Simple installation at any soil depth
- Cost-effective and long-lasting
- Retains water without restricting roots
- Reduced water consumption up to 70%



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