

More green,
less water!



The innovative, water-saving alternative!

iMat Irrigation Mat

Save up to 70% of water in your irrigation projects!



iMat Irrigation Mat

Water shortage is one of the most important environmental and developmental issues. About 80% of the global water is used by artificial irrigation in agriculture, landscaping and horticulture.



With the iMat Irrigation Mat, which saves up to 70% water, we are making an important contribution to ensuring that also in the future, despite climate change, we can continue to build and maintain green spaces that provide a healthy climate, especially in growing megacities.

The iMat Irrigation Mat is installed below the entire plant area. Special driplines inserted between two layers of special fleece are filling the iMat with water. Due to the capillary effect the water is dispersed throughout the soil available to the entire area and directly at the plants' roots.

Advantages

Up to 70% of water saving

Due to the subsurface installation almost no water gets lost due to evaporation, wind drift, badly adjusted sprinklers,...

Water storage

The special fleece improves the water storage capacity of the soil, especially on sandy grounds and in arid climate zones.

Improved plant growth

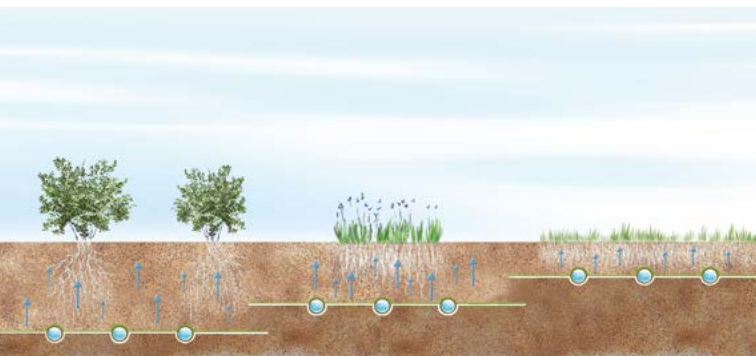
As water is delivered directly to the plant roots and throughout the entire ground.

Simplified fertilization

Using a special fertilizer, the iMat Irrigation Mat allows a mild fertilization directly at the roots.

Less vandalism

Due to the subsurface installation the irrigation itself becomes almost invisible, reducing the risk of vandalism and damages.



Availability of green spaces

Although during irrigation, the green areas can still be used without anyone getting wet.

Use of gray water

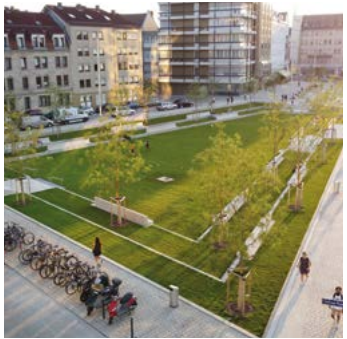
Gray water can be used without any risk of unpleasant odor.

Applications

Private Estates



Public Green Spaces



Green Roofs



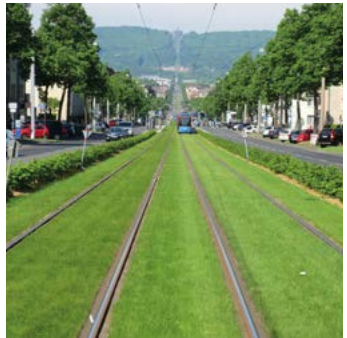
Hotels and Resorts



Vertical Greenings



Track Greenings



... and many more applications!

Selected references



Knowhow



Dietmar Haub, inventor of the iMat Irrigation Mat, has made it his mission to develop water-saving systems so that green spaces can still be built and maintained in the future.

As founder of the ECO Rain brand, CEO of the ECO Rain AG company and with more than 30 years of experience, he has been advising building owners, real estate companies and architectural firms for many years, from technical consulting and conception to irrigation design and construction supervision, in complex and/or outstanding irrigation projects.



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