

BENCH MATTING SERIES

A TOP-PERFORMING IRRIGATION SOLUTION FOR POTTED PLANT CULTIVATION

+ ADVANTAGES:

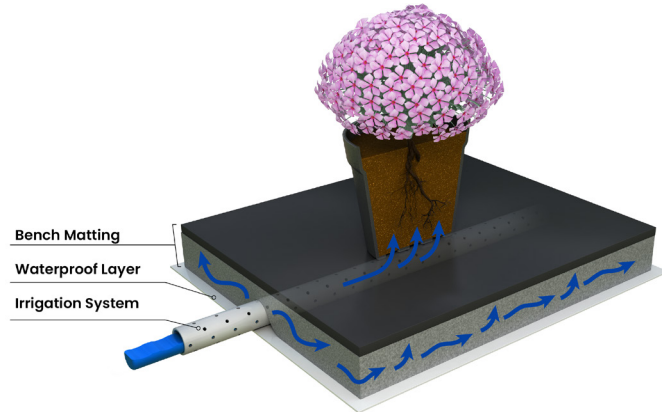
Significant reduction in water and fertilizer consumption versus traditional watering;

Consistent and adequate irrigation of each pot, thereby maximizing plant growth;

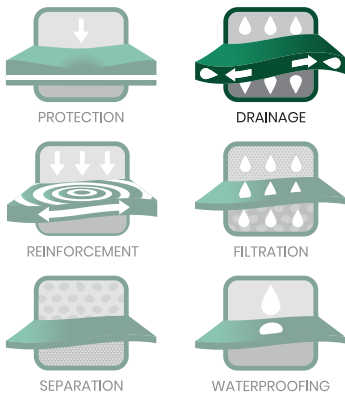
Easy to install, use, and maintain, thereby generating major savings on operations.



The products in the Texel Bench Matting line are designed for the irrigation of potted plants through their bases using a synthetic mat comprising reservoir and dispersion layers. This irrigation technology uses the capillary rise phenomenon to provide water directly to the roots, thereby preventing wasteful dispersion caused by traditional irrigation systems. Mat irrigation helps to significantly reduce water and fertilizer consumption while also providing the plants only with the amount of water they need.



FUNCTIONS



A SYSTEM DESIGNED TO INCREASE THE PRODUCTIVITY OF YOUR HORTICULTURAL OPERATIONS:

Investing in a Texel Bench Matting system could bolster the return cost price of your productions by considerably lowering your operating costs. The product is suited to all applications where potted plants are cultivated or stored, for example:

- Greenhouse growing;
- Nursery crops;
- Storage at distribution centres or garden centres.

SECTORS

- ✓ Municipal and Landscape Architecture

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HOW THE TEXEL BENCH MATTING SYSTEM WORKS

- The mat is spread over a flat, waterproofed growing surface.
- The mat is irrigated from underneath using a system made up of perforated irrigation hoses.
- The water and dissolved fertilizer is consistently dispersed throughout the matting by radial transmission.
- The capillary rise then occurs in the substrate and the water is dispersed through the holes in the pot bases.
- The plant roots are irrigated from the bottom, without risk of splashing the surface of the leaves.

TEXEL BENCH MATTING SIMPLIFIES YOUR OPERATIONS AND INCREASES YOUR PRODUCTIVITY

SIMPLIFIED OPERATIONS

Savings on labor: Texel Bench Matting can reduce the time it takes to water by twenty-fold. Thanks to its superior dispersion capabilities, the matting consistently irrigates each plant in the growing area.

Savings in water and fertilizer: By eliminating the problem of water lost between pots, the matting irrigation system helps to save up to 70% in water and dissolved fertilizer compared with conventional watering.

Optimized performance: The capillary mat irrigation system adds density to your growing surface thereby providing you with a faster return on investment.

HEIGHTENED PRODUCTIVITY

Sturdy and durable: The Texel Bench Matting irrigation system does not require any changes to your facilities or growing methods. The product easily withstands winter's challenges, and has a lifespan of several years.

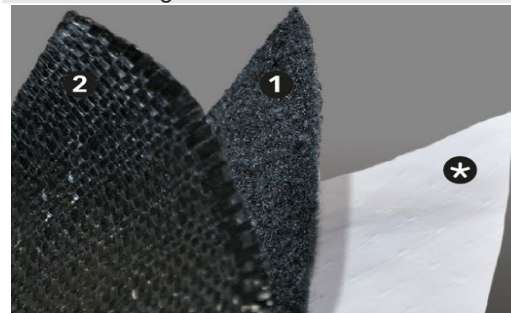
Versatile: The capillary mat irrigation system is suited to nearly all types of plants, and allows you to easily rearrange your pots according to your anticipated needs.

Simple installation: The irrigation system is easy to install on level soil or on a waterproofed growing surface.

	Texel Bench Matting	Texel Bench Matting Plus
Colour	Grey	Black
Weight	250 g/m ² (7.4 oz./yd ²)	400 g/m ² (11.8 oz./yd ²)
Water retention	> 1.5 l/m ² (42.4 oz./yd ²)	> 2.5 l/m ² (70.7 oz./yd ²)
Capillary rise	> 15 mm (0.59 in)	> 30 mm (1.18 in)
Standard applications	Growing tables Greenhouse growing Low-moderate wear	Pedestrian traffic zones Retail shelving Moderate – high wear

Composition
1- Nonwoven geotextile, needled hydrophilic that serves as a hydraulic tank
2- Woven geotextile

* Waterproof layer under the mat (sold separately)



This table presents a summary of specifications. We invite you to consult updated information sheets and detailed technical specifications on our website at www.texel.ca.

NEED TO KNOW MORE?

Call our representatives for your projects! 1 800 463-8929 | texel.ca

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