

# BENCH MATTING SERIES

## PRODUCT CUT SHEET

A TOP-PERFORMING  
IRRIGATION SOLUTION  
FOR POTTED PLANT  
CULTIVATION



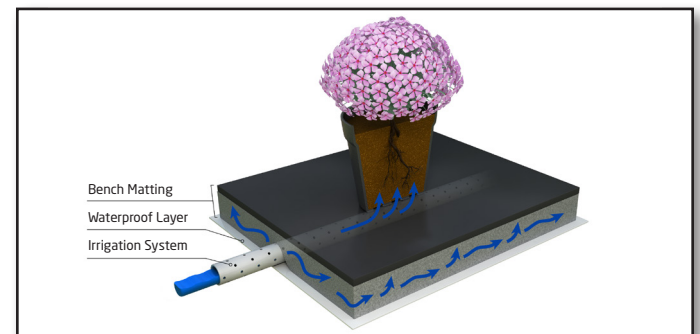
### **ADVANTAGES**

Significant reduction in water  
and fertilizer consumption  
versus traditional watering

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

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

The products in the 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.



### **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

### FUNCTIONS



### SECTORS

- ☒ Municipal and Landscape Architecture
- ☐ Roads and Transportation
- ☐ Natural Resources and Energy
- ☐ Industrial and Waste Management

**NAME IT.  
WE'LL DO IT.**



## HOW THE 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.

## BENCH MATTING SIMPLIFIES YOUR OPERATIONS AND INCREASES YOUR PRODUCTIVITY

### SIMPLIFIED OPERATIONS

**Savings on labor:** 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 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.



### NEED TO KNOW MORE?

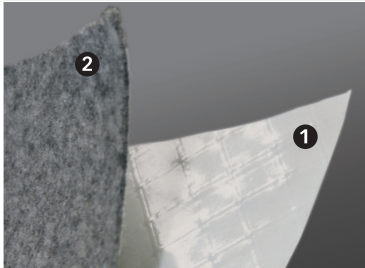
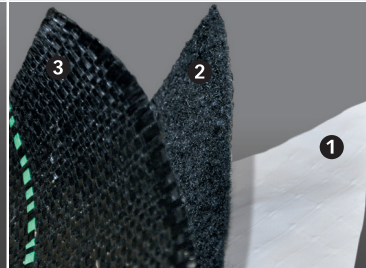
Call our representatives  
to discover the advantages of  
the **BENCH MATTING SERIES**  
for your projects!

**1-800-463-0088**

### SPEC SHEET



[www.texel.ca](http://www.texel.ca)

	BENCH MATTING	BENCH MATTING PLUS
<b>Colour</b>	Grey	Black with green lines
<b>Weight</b>	250 g/m <sup>2</sup> (7.4 oz./yd <sup>2</sup> )	400 g/m <sup>2</sup> (11.8 oz./yd <sup>2</sup> )
<b>Water retention</b>	> 1.5 l/m <sup>2</sup> (42.4 oz./yd <sup>2</sup> )	> 3.0 l/m <sup>2</sup> (84.8 oz./yd <sup>2</sup> )
<b>Capillary rise</b>	> 15 mm (0.59 in)	> 30 mm (1.18 in)
<b>Standard applications</b>	Growing tables Greenhouse growing Low-moderate wear	Pedestrian traffic zones Retail shelving Moderate - high wear
<b>Composition</b>		
		

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](http://www.texel.ca).

**IMPORTANT NOTICE** - The information included in this document is presented for status and promotion purposes only. Therefore, all the characteristics of the project have not been mentioned. Texel and his partners do not offer any guarantee in regards of the previous information.

**1300, 2<sup>e</sup> rue, Parc industriel  
Sainte-Marie-de-Beauce (Québec)  
G6E 1G8 CANADA**

**Texel**  
GEOSYNTHETICS