

Filtrex[®] GardenSoxx[®]

Fruits, Vegetables, and Landscape Plants

GARDENSOXX[®]

Description

GardenSoxx[®] are a contained planting system consisting of an 8" or 12" diameter GardenSoxx[®] with high quality growing media.

Typically in 2' or 3' lengths, they are easily transported and arranged in garden and landscape layouts, in growing systems, on rooftops, parking structures, and other elevated landscapes.

Function

The use of GardenSoxx[®] provides numerous functional advantages compared to other similar systems;

1. A completely contained media within a tubular mesh prevents washout and wind erosion
2. GardenSoxx[®] are easily transported due to their small size and material containment. No specialized equipment is required.
3. Customizable growth media means the best for desired plant establishment can be achieved.
4. Use of GardenSoxx[®] can aid in attaining credits as part of an overall LEED program.
5. GardenSoxx[®] can be preseeded or preplanted/ grown as part of a custom program for easier establishment and an immediate result.

For more information on LEED see Filtrex[®] Tech Link #3301 in the Appendix.

Installation

1. Arrange GardenSoxx[®] according to desired orientation.
2. Cut a small hole in the GardenSoxx[®] mesh, approximately the size of the plug or root mass of the plant.
3. With your fingers or with any other tool, make a hole in the growing media for the the plant.
4. Place the plant into the hole, making sure to cover the plug/roots completely. Lightly pat the growing media around the plant.
5. GardenSoxx[®] shall be water immediately topically or through Drip Tape Irrigation System.

Inspection & Maintenance

Maintenance requirements are typically limited to plant growth requirements and growth media used. Plants should be fertilized and watered as needed. If using Drip Tape Irrigation, this is easily regulated and applied through the system.

GardenSoxx[®] are easily individually removed and replaced should damage or significant plant quality degradation occur.

Method of Measurement

Bid items shall show measurement as GardenSoxx[™] with desired media blend per linear foot or square ft.

ADDITIONAL INFORMATION

For other references on this topic, including trade magazine and press coverage, visit the Filtrex[®] Website at: <http://www.filtrex.com>



For research reports not included in the Appendix,
visit: <http://www.filtrexx.com>

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See website or call for complete list of international
installers.

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TABLES & FIGURES:

Table 1.1. Filtrexx® GardenSoxx® Material Specifications.

Material Type	Multi-Filament Polypropylene SafteySoxx	Multi-Filament Polyester GardenSoxx
Material Characteristic	Photodegradable	Photodegradable
Design Diameters	8 in (200mm), 12 in (300mm), 18 in (400mm), 24 in (600mm), 32 in (800mm)	5 in (125mm), 8 in (200mm), 12 in (300mm)
Mesh Opening	1/8 in (3mm)	<1/16 in (1.5mm)
Tensile Strength	202 psi (14.2 kg/cm2)*	175 psi (12.3 kg/cm2)
% Original Strength from Ultraviolet Exposure (ASTM G-155)	100% at 1000 hr	100% at 1000 hr
Functional Longevity/ Project Duration	2-5 yr	2-5 yr

Table 1.2. Filtrexx® GardenSoxx® Design Weight Specifications.

GardenSoxx Diameter	100% Organic Growth Media	50/50 Medium weight mix (50% Organic)	80/20 Light weight Mix (20% Organic)
5"	4 lbs/sq.ft	3 lbs/sq.ft	2 lbs/sq.ft
8"	10 lbs/sq.ft	7 lbs/sq.ft	5 lbs/sq.ft
12"	20 lbs/sq.ft	14 lbs/sq.ft	10 lbs/sq.ft

