TECHNICAL INFORMATION SHEET

ELT EasyGreen® Pre-Grown Extensive Green Roof System

DESCRIPTION:
The ELT EasyGreen® Pre-Grown Extensive Green Roof System is available as either pre-grown or planted in place using plugs or sedum mats. These interlocking green roof panels make for a greatly simplified installation process, as almost all the vital green roof layers have been pre-assembled into one component. Its lightweight construction and ease of installation make it a perfect choice for clients looking for maximum benefits and a light weight system. Perfect for slopes up to 25%, retrofits, flat roof applications or those projects requiring a lower weight load. The sedum mixture used is planted specifically to suit the hardiness zone and provides different bloom times and a variety of vegetation textures and colors.

FUNCTION:
The ELT EasyGreen® Pre-Grown Extensive Green Roof provides numerous of benefits: from energy savings by cooling down the interior of a building to protecting the structure of the roof from weather and sun light damage. Its unique concept provides temperature regulation, reduction of storm water run off as well as benefits for the environment by creating ecological habitats.

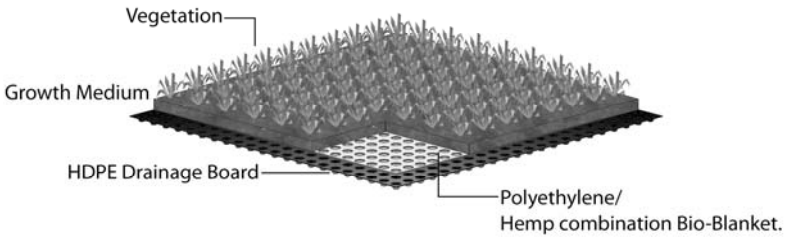
COMPONENTS:
The ELT EasyGreen® Pre-Grown Extensive Green Roof is the combination of four (4) components:

- HDPE Drainage Board
- Polyethylene/Hemp combination Bio-Blanket.
- Growth Medium
- Vegetation

METHOD OF APPLICATION:

1. The ELT EasyGreen® Vegetation Carrier is installed as an additional layer on the roof, creating the ELT EasyGreen® Pre-Grown Extensive Green Roof System. The modular trays are placed on the surface of the roof on the root barrier and/or protection layer if required.
2. The panels must overlap two pockets over the empty pockets of the installed panel. In some cases (high wind exposure, slopes) fastening of every panel may be required with ELT EasyGreen® Panel Fasteners or other approved fastening methods.

Please contact ELT EasyGreen® Technical Support for additional information.



PRODUCT DATA

Water Retention:	15 L/m² (0.38 gal/ft²).
Dimension:	43" (1.10 m) x 43" (1.10 m). Green area: 39" (1.00 m) x 39" (1.00 m).
Saturated Weight:	Average Pre-Grown Extensive: 59 kg/m² (12 lb/ft²).
Product Warranty:	Individual material warranties included.
Vegetation Warranty:	Annually renewable full system warranty and maintenance (including vegetation) program from ELT approved contractors.

STORAGE:
Store the panels in a dry location out of direct sunlight with original packaging. Vegetated panels must be protected from rapid temperature changes of more than 15°C/hour (59°F/hour). All vegetation is to be installed according to the timelines below.

Maximum time for panels to be stacked:

Average daytime high

Spring:	<20C (68F)
Summer:	>25C (77F)
Fall:	<20C (68F)

Average nighttime low

Spring:	<10C (50F)
Summer:	>15C (59F)
Fall:	<10C (50F)

Time panels can be stacked (from loading at growers to installation on site)

Spring:	5 days
Summer:	3 days
Fall:	5 days

All skids are packed with ice between every panel once temperatures exceed 27C (81F)

*If storage is not possible, section above, please contact ELT EasyGreen® for further instructions.

PRECAUTIONS:

1. Exercise caution when lifting, moving, transporting and handling the panel to avoid damage on the vegetation carrier components.
2. Please refer to your ELT EasyGreen® Certified Contractor for specific recommendations regarding the installation procedures.

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