



Lightweight Growing Media

Description

Terra-LITE™ is a range of engineered lightweight growing media blends specially formulated to address the essential requirements for plant survival, stormwater management, and structural safety in green roof applications.

Each blend of Terra-LITE™ growing media is engineered to balance key components like weight, vegetation, drainage, water retention, and plant support to accommodate the regional and environmental specifications of each project. The media is tested to ensure it meets internationally recognized performance standards and regulations.

Benefits

- Provides a stable structure, aeration, and nutrients, ensuring plants can survive harsh rooftop conditions.
- Retains significant amounts of rainwater, decreasing the volume of runoff and reducing the risk of sewage overloads.
- Supports growth of plants and vegetation that filters air pollutants and helps reduce urban heat island effect.
- Lightweight compared to standard soil, preventing excessive load on the building structure while allowing for healthy root growth.
- Provides a thermal barrier that reduces building energy consumption by insulating in winter and reducing heat transfer in summer.
- Acts as a buffer against UV radiation and temperature fluctuations, protecting waterproofing membranes from degradation and extending the lifespan of the roof.



LEED Credits available for:

- Materials & Resources (MR)



Uses

Terra-LITE™ growing media is available in several pre-formulated, proprietary blends based on the following Terra-SCAPES™ assemblies:

- Extensive
- Intensive
- Aggregate
- Lawn
- Urban Agriculture
- Natural

Installation

Terra-LITE™ growing media shall be installed in accordance with Terra-SCAPES™ Installation Guides:

NOTE: The information in this product data sheet is general in nature and is not intended to be used as a stand-alone document to describe Barrett's Terra-LITE™ Growing Media. This sheet must be used in combination with test results for locally and regionally available Terra-LITE™ Growing Media for each project.

For more information, please contact your local Barrett technical representative directly or visit our website at www.barrettroofs.com