



GroundSmart™ Rubber Mulch Architectural/Bid Specification

Landscape Mulch/Groundcover Surfacing

GroundSmart™ Rubber Mulch is the smart choice for all landscape mulch and groundcover applications. GroundSmart™ Rubber Mulch not only looks better 365 days a year, year after year, it's more durable, cost-effective, maintenance free and eco-friendly than wood mulch, stone and other landscape groundcover materials.

GroundSmart™ Rubber Mulch can help building projects earn **LEED** credits. Smart solutions like, GroundSmart™ Rubber Mulch save not only save time and money, but are great for the environment. As a green landscaping material, GroundSmart™ Rubber Mulch saves trees and earns you Green Building (**LEED**) Credits.

PART I GENERAL

1.1 WORK INCLUDED

The contractor shall provide all labor, materials and appurtenances necessary for installation of GroundSmart™ Rubber Mulch.

1.2 RELATED WORK

Site preparation and maintenance.

1.3 QUALITY ASSURANCE

The contractor shall provide laborers and supervisors who are thoroughly familiar with the installation of mulch products and all applicable codes and ordinances.

PART 2 MATERIALS

2.1 GROUNDSMART™ RUBBER MULCH

- A. DESCRIPTION - GroundSmart™ Rubber Mulch is a loose fill, recycled rubber landscape groundcover material.
- B. MATERIAL - The core substrate used in GroundSmart™ Rubber Mulch is recycled auto and truck tires.
- C. SIZE RANGE - The particle size range for GroundSmart™ Rubber Mulch is 5/16" to 7/8". Rubber nuggets are irregular in shape and size.
- D. METAL CONTENT - GroundSmart™ Rubber Mulch is 99.99% metal free. This is based on the number of pieces of rubber with exposed metal and includes both ferrous and non-ferrous metals.
- E. COATING - USDA bio-based certified, non-toxic, polyurethane coating bonded to the rubber and pigmented with iron or titanium oxides. Coating reduces potential zinc leaching versus uncoated or water-base acrylic coated products by up to an additional 69%.
- F. PACKAGING - GroundSmart™ Rubber Mulch is packaged in 1,000 lb or 2,000 lb super sacks strapped to a pallet or 0.8 cu ft poly bags packaged and shrink wrapped with 98 bags per pallet.

2.2 GEOTEXTILE FABRIC (LANDSCAPE FABRIC)

- A. A commercial grade geo-textile fabric is recommended to be installed prior to installing GroundSmart™ Rubber Mulch.



PART 3 EXECUTION

3.1 PRE-INSTALLATION

- A. Ground Preparation
 - 1. The area where GroundSmart™ Rubber Mulch will be installed must be free of debris, foreign materials and other materials including wood mulch.
 - 2. The area where GroundSmart™ Rubber Mulch will be installed must be graded for proper drainage and comprised of a soil conducive for growing and maintaining healthy plant material.
- B. Application of geotextile fabric
 - 1. Installation of a commercial grade geotextile fabric is recommended.
 - 2. Seam overlap needs to be a minimum of three inches and all seams need to be properly secured.
 - 3. Geotextile fabric needs to be properly secured at the perimeter and throughout installed areas.

3.2 INSTALLATION OF GROUNDSMART™ RUBBER MULCH

- A. Install GroundSmart™ Rubber Mulch at a uniform level throughout installed areas. This can be accomplished through a variety of methods, including blowing, shoveling and raking.
- B. GroundSmart™ Rubber Mulch should be installed and maintained at a depth of 1.5" to 2" throughout the installed landscape areas.

PART 4 MAINTENANCE

- 4.1 Unlike wood mulch, GroundSmart™ Rubber Mulch does not decompose or breakdown over time.
 - A. GroundSmart™ Rubber Mulch reduces the need for annual mulching and maintenance.
 - B. Upon discovery of a thin or displaced area in the landscape, simple rake and level back to installed depth.

PART 5 WARRANTY

5.1 GROUNDSMART™ RUBBER MULCH WARRANTY

The GroundSmart™ limited warranty covers product defects in the rubber and warrants that the product is 99.99% wire free as measured by volume and will retain a minimum of 50% of its color for 12 years as long as the product is used in accordance with label instructions and under normal conditions. Any alteration of the product or use other than specified will void the warranty. All claims must include original receipt, a brief explanation and received within 12 years of date of purchase. Upon verification manufacturer will, at its option, refund the purchase price or replace the product. Warranty is limited to the purchase price of the product and does not include any incidental/consequential damages, installation, removal or shipping charges.

Claims are to be submitted to:
ATTN: GroundSmart™ Customer Service Dept.
LTR Products LLC
3410 Midcourt Rd., Suite 108
Carrollton, TX 75006

DISCLAIMER OF IMPLIED WARRANTIES/LIMITATION OF REMEDIES: BY OPENING THE PRODUCT PACKAGE, THE CUSTOMER AND PURCHASER OF THE PRODUCT AGREES THAT THE SOLE AND EXCLUSIVE REMEDY FOR ANY DEFECT IN THE PRODUCT OR DAMAGES HEREFROM SHALL BE RESTRICTED TO THE LIMITED WARRANTY AS STATED ABOVE OR ON THE PRODUCT PACKAGE. THE MANUFACTURER HERBY DISCLAIMS ANY AND ALL IMPLIED WARRANTIES RELATING TO THE PRODUCT, INCLUDING THE WARRANTIES OF MECHANABILITY AND FITNESS FOR A PARTICULAR PURPOSE. NO WARRANTIES WILL APPLY AFTER THE LIMITED WARRANTY PERIOD HAS EXPIRED.