



MATERIAL SPECIFICATION



GeoSkin[®] XT

Straw & Cotton Plant Material Hydromulch

North American Green's GeoSkin[®] XT Straw & Reclaimed Cotton Plant Material Hydromulch shall be a hydraulically-applied mulch composed of a patent-pending blend of mechanically processed straw fibers, reclaimed cotton plant materials, performance-enhancing tackifiers, and other proprietary additives. GeoSkin XT hydromulch protects from erosion, and begins establishing an intimate bond upon application with the soil's surface to create a continuous, porous and absorbent mulch layer that allows for rapid germination and accelerated plant growth. The GeoSkin XT fibers are 100% biodegradable.

Composition:

All components of GeoSkin XT hydromulch shall be pre-packaged by the Manufacturer to assure material performance and compliance with the following values.

- Mechanically Processed Straw – 80% ± 3%
- Mechanically Processed Reclaimed Cotton Plant Material – 17% ± 3%
- Proprietary Blend of Tackifiers, Activators and Additives – 3% ± 1%

Specifications:

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| Content: Straw/Reclaimed Cotton Plant Materials | Packaging: 50 lbs (23 kg) +/- 3% |
| Total Organic Matter: 90.0 | Carbon to Nitrogen Ratio: approximately 40:1 |
| Moisture Content: 12% ± 3% | Color: Natural Green |

Packaging:

Bags are filled with 50 lbs (23 kg) of material and packaged in a UV and weather-resistant bag. Each pallet consists of 40 bags and weighs one ton. All pallets have a plastic pallet cover for enhanced protection from rain and UV rays.

Application Instructions:

1. Fill tank of a mechanically agitated hydroseeding machine with sufficient water to suspend seed and fertilizers. Add seed and soil amendments.
2. Continue to add water slowly while adding GeoSkin XT hydromulch at a steady rate. Use the loading chart to determine the proper application rates. Mix at a rate of 50 lbs of GeoSkin XT hydromulch per 100 gallons of water.
3. Agitate for a minimum of 10 minutes after adding the last amount of water and GeoSkin XT hydromulch.
4. Apply in a uniform layer from 2 opposing directions to ensure complete soil coverage. Irregular surfaces may need slightly higher application rates to obtain adequate coverage.
5. Clean equipment properly after application to ensure GeoSkin XT hydromulch is removed from the pump, tank and hoses.

Typical Application Rates		
Slope Conditions	Rate (English)	Rate (SI)
≤ 4:1	1,500 lbs/acre	1,700 kg/ha
> 4:1 ≤ 3:1	2,000 lbs/acre	2,250 kg/ha
> 3:1 ≤ 2.5:1	2,500 lbs/acre	2,800 kg/ha

*Refer to the GeoSkin[®] Series Application Chart found on mulchandseed.com for site-specific recommendations based on slope gradient and length.

Not for use in channels, swales, or other areas where concentrated flows are anticipated, unless installed in conjunction with a temporary erosion control blanket or permanent turf reinforcement mat. GeoSkin XT hydromulch may be applied on saturated surfaces. Do not allow foot traffic or grazing on treated areas until vegetated. Be cautious of slippery surfaces while applying.

Warning: Do not store near an open flame or heat source. Use caution when stacking units.