

# Soil Stability. Root Agility.

The GeoSkin® Series of hydraulic erosion control products are made with a proprietary blend of straw, reclaimed cotton plant material, tackifiers and binding agents.



## GeoSkin® Straw & Cotton Plant Material Hydromulch Series

Through its patent-pending blend of straw and cotton plant material, the GeoSkin® hydromulch series covers the soil providing a honeycomb layer of protection to promote excellent vegetation establishment. Additionally, a patent-pending blend of additives and tackifiers combine to ease application, enhance adhesion, retain moisture and provide soil stability.

This exciting new line of products from North American Green compliments the HydraMatriCx™ Series of high-performance, hydraulic erosion control products (HECPs).

The GeoSkin Series of hydromulch is often used on mild to moderate slopes and competes well with wood hydromulch, wood and paper blends, wood with tack, or blend with tack. GeoSkin Series hydromulch is also a good alternative to blown straw as it is applied in a one-step process as opposed to a two- or three-step process (ie. apply seed, apply straw, crimp or apply tack) for seed and straw applications.

In comparison, GeoSkin hydromulch contains tackifiers for erosion protection and vegetation establishment on *mild to moderate slopes*, while GeoSkinXT hydromulch is fortified with extra tackifier for stronger bonding on *moderate slopes*.

## Benefits of GeoSkin® Series Hydromulch

- Grows grass fast
- Low water-to-mulch ratio yields fast application
- Bales break easily for fast mixing
- Consistent slurry provides for a smooth and easy application
- Low carbon-to-nitrogen ratio prevents nutrient competition with desired vegetation
- No synthetic fibers; fibers are 100% biodegradable
- Made with reclaimed material that is annually renewable
- Non-toxic
- Extra tackifier in GeoSkin®XT Hydromulch improves bond and ensures better erosion control performance, as well as yields enhanced coverage over time

## Soil Stays Put So Seed Can Take Root and Grow

GeoSkin hydromulch and its companions HydraCX<sup>2</sup>™ Extreme Slope Matrix™ and HydraCM™ Steep Slope Matrix™ have a beneficial carbon-to-nitrogen ratio, which is important for soil quality and grass growth. In short, soil stays put and is nurtured so seed can take root and grow.



## Mixing & Application

Consult the *Installation & Application Guide* for complete instructions.

1. Fill the tank of a mechanically agitated hydroseeding machine with sufficient water to suspend seed and fertilizers.
2. Add all soil amendments (seed, fertilizer, etc.).
3. Continue adding water slowly while adding the GeoSkin mulch at a steady rate.
4. Consult application and loading charts to determine the proper application rates. Mix at a rate of 50 lbs of GeoSkin mulch per 100 gallons of water. Confirm loading rates with equipment manufacturer.
5. All mulch should be loaded when the tank is approximately  $\frac{3}{4}$  full.
6. Agitate for a minimum of ten minutes after adding the last amount of mulch.
7. Apply the GeoSkin mulch from opposing directions to ensure complete coverage of all irregular soil surfaces. Irregular surfaces may need slightly higher application rates to obtain adequate coverage.
8. Apply materials according to application rates.
9. Material should not be applied 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.

\*Refer to the GeoSkin® Series Application Chart on [mulchandseed.com](http://mulchandseed.com) for site-specific recommendations based on slope gradient and length.



### GeoSkin Hydromulch Content

84% ± 3.0%	Mechanically processed straw
15% ± 3.0%	Mechanically processed cotton plant material
< 1.0%	Proprietary blend of tackifiers, activators and additives

### Typical Application Rates\*

Slope	Rate (English)	Rate (Metric)
≤ 4:1	1,500 lbs/acre	1,700 kg/ha
> 4:1 and ≤ 3:1	2,000 lbs/acre	2,250 kg/ha



### GeoSkinXT Hydromulch Content

80.0% ± 3.0%	Mechanically processed straw
17.0% ± 3.0%	Mechanically processed cotton plant material
3.0% ± 1.0%	Proprietary blend of tackifiers, activators and additives

### Typical Application Rates\*

Slope	Rate (English)	Rate (Metric)
≤ 4:1	1,500 lbs/acre	1,700 kg/ha
> 4:1 and ≤ 3:1	2,000 lbs/acre	2,250 kg/ha
> 3:1 and ≤ 2.5:1	2,500 lbs/acre	2,800 kg/ha

For more information contact North American Green or your authorized distributor today by calling (800) 772-2040, e-mailing [customerservice@nagreen.com](mailto:customerservice@nagreen.com) or visiting [www.nagreen.com](http://www.nagreen.com).



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