



## TERRA-BOND™ GREEN

SPEC ID: OC-TBG-REV14 | CATEGORY: INDUSTRIAL HYDROCOLLOID | DISTRIBUTION: GLOBAL

### PRODUCT DESCRIPTION

TERRA-BOND™ GREEN is a premium, factory-direct hydro-seeding tackifier. Unlike standard agricultural grades, this product undergoes a **Proprietary Micro-Activation Process** to maximize water absorption and tack strength.

This enhanced **Bio-Polymer Hydrocolloid Complex** delivers a swell volume of **>35 ml/g**—significantly higher than raw mucilage—ensuring superior soil adhesion and coverage efficiency. It outperforms traditional agricultural binders and starch-based tackifiers in both longevity and viscosity.

### KEY ADVANTAGES

- High-Yield Activation:** Micro-activated polymer allows for lower application rates (**up to 30% savings**) compared to generic, filler-heavy tackifiers.
- Pre-Dyed Efficiency:** Formulated with **Integrated Acid Green 1 Tracer** for immediate visual metering. No separate dye packs required.
- Superior Swell Volume:** Rated for **>35 ml/g swell**, creating a viscous, moisture-retaining soil shield.
- Safety Profile:** 100% Organic and biodegradable. Free from hazardous crystalline silica.
- Flow Enhanced:** Treated with proprietary anti-caking agents for smooth flow in hoppers.

### TECHNICAL SPECIFICATIONS

Property	Typical Value*	Test Method
Physical State	Fine Powder (90 Mesh)	Visual
Appearance	<b>High-Vis Green</b>	Visual
Base Chemistry	<b>Activated Hydrocolloid Complex</b>	FTIR
Swell Volume	<b>&gt; 35 ml/g</b>	USP <601>
Moisture Content	< 12%	Gravimetric
pH (1% Solution)	6.5 - 7.5 (Neutral)	ASTM D1293
Solubility	Forms Viscous Gel	Visual

*\*Natural Product Disclaimer: Due to the biological origin of the raw material (natural vegetable gums), minor variations in color, mesh size, and swell characteristics are inherent between batches and do not affect overall performance efficiency. Values listed are typical.*

### APPLICATION INSTRUCTIONS

*Note: TERRA-BOND™ is a 100% Active Concentrate containing zero clay fillers. Required application rates are typically lower than blended competitors.*

*Warning: SLOW MIX ONLY. Add slowly to agitated water to prevent lumping.*

Condition / Slope	Application Rate (lbs/acre)	Kg / Hectare
Flat / Mild Slope (< 3:1)	20 - 30 lbs	22 - 33 kg
Moderate Slope (2:1)	30 - 45 lbs	33 - 50 kg
Steep Slope (> 1:1)	50 - 70 lbs	56 - 78 kg

## PACKAGING & STORAGE

**Packaging:** Standard 50 lb (22.7 kg) Moisture-Resistant Industrial Bags. Palletized and Shrink-Wrapped.

**Storage:** Store in a cool, dry place. Keep away from sources of ignition (Combustible Powder).

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