



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	High-Vis Green	Visual
Base Chemistry	Activated Hydrocolloid Complex	FTIR
Swell Volume	> 35 ml/g	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).

DISCLAIMER OF WARRANTY AND LIMITATION OF LIABILITY:

Although reasonable care has been taken in the preparation of this document, Ohra Chem extends no warranties, express or implied, and makes no representations as to the accuracy or completeness of the information contained herein. Ohra Chem assumes no responsibility regarding the suitability of this information for the user's intended purposes or for the consequences of its use.

NO WARRANTIES: THE PRODUCT IS SOLD "AS IS" AND OHRA CHEM SPECIFICALLY DISCLAIMS ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Each individual user should make a determination as to the suitability of the information and product for their particular purpose(s).