



OHRA-BOND™ CAL

SPEC ID: OC-TBC-REV01 | CATEGORY: SOIL CONDITIONING BINDER | DISTRIBUTION: GLOBAL

PRODUCT DESCRIPTION

OHRA-BOND™ CAL is a specialized hybrid binder formulated with **Micronized Agricultural Gypsum (Calcium Sulfate Dihydrate)** and activated hydrocolloids. It is specifically engineered for **Heavy Clay** and **Hardpan** soils.

The Calcium ions in the matrix chemically flocculate (loosen) tight clay particles, improving water infiltration and preventing crusting, while the hydrocolloid network seals the surface against wind and water erosion. This is the ideal "Volume Solution" for construction pads and large-scale dust control.

KEY ADVANTAGES

- Clay Flocculation:** Chemically softens hard clay soils to allow root penetration and water absorption.
- Cross-Linked Durability:** Calcium ions create cross-links with the polymer, enhancing water-resistance.
- High Density:** Heavier bulk density allows for longer casting distances from the hydroseeder cannon.
- Economical:** The most cost-effective solution for large-area flat work.

TECHNICAL SPECIFICATIONS

Property	Typical Value*	Test Method
Physical State	Fine Powder Mix	Visual
Appearance	Light Grey / Off-White	Visual
Active Matrix	Gypsum + Hydrocolloid	--
Calcium (Ca)	> 18%	ICP-AES
Swell Volume	Moderate (20-25 ml/g)	USP <601>
pH (1% Solution)	6.5 - 7.5 (Neutral)	ASTM D1293

*Natural Product Disclaimer: Values listed are typical.

APPLICATION INSTRUCTIONS

Important: Maintain agitation. Due to the high density of Gypsum, stop-and-go agitation may cause settling.

Condition / Slope	Application Rate (lbs/acre)	Kg / Hectare
Dust Control (Flat)	30 - 40 lbs	33 - 45 kg
Construction Pad	40 - 50 lbs	45 - 56 kg

Clay Slope (3:1)	50 - 60 lbs	56 - 67 kg
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PACKAGING & STORAGE

Packaging: Standard 50 lb (22.7 kg) Moisture-Resistant Industrial Bags.

Storage: Store in a cool, dry place. Keep away from moisture.

DISCLAIMER OF WARRANTY AND LIMITATION OF LIABILITY:
Ohra Chem extends no warranties, express or implied, regarding accuracy. The product is sold "AS IS". User assumes all risk.