ELLIOTT ELECTRIC SUPPLY
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GEM25A GROUNDING EARTH MATERIAL

ERICO, INC. ERITEC-CADDY

Catalog Number	GEM25A
Manufacturer	ERICO, INC. ERITEC-CADDY
Description	Grounding Earth Material, 25 lb
Weight per unit	25.0 (lbs/each)
Product Category	Ground Rods & Grounding System

Features

Packaging	Bag with handles

Descriptions

Description	GROUNDING EARTH MATERIAL
Long Description	GEM Ground Enhancement Material, 25 lb, Bag with handles
Product Type	Gem, 25 LB Bag With Handles
Short Description	GEM EARTH PROTECTION
Special Features	GROUND ENHANCMENT MATERIAL,25# BAGS
Extra Long Description	NVNT GEM25A GEM, 25 lb Bag with Han

Manufacturer Information

Brand	nVent ERICO
	nVent
GTIN	00782856322962
UPC	782856

Taxonomies, Classifications, and Categories

Category Description	EXOTHERMIC GROUNDING PRODUCTS
Type	Grounding and Bonding

Packaging

Carton	1
Package	120
Weight Per Each	25.0 (lbs/each)

Uses, Certifications, and Standards

Application	Grounding and Bonding
Standard	None

nVent ERICO Quickfill and nVent ERICO GEM

GROUND ENHANCEMENT FOR EVERY APPLICATION

Increase the effectiveness of your grounding system in areas of poor conductivity with ground enhancing solutions from nVent ERICO. Whether your application has rocky ground, mountain tops or sandy soil, nVent ERICO Quickfill and nVent ERICO GEM have you covered.

Achieve the target resistance of your application through a premium cement-based conductive material such as GEM, or a convenient low-dust, no-mix backfill with Quickfill. Both are maintenance-free after installation.

To achieve a low grounding system resistance target in a critical application, GEM has you covered. To improve your grounding system resistance or meet a target resistance with minimal equipment on site, Quickfill is the convenient solution for you.

nVent ERICO offers an online calculator for Quickfill and GEM that provides resistivity values for common applications and can help estimate the amount of Quickfill or GEM required for an installation. The calculator is available for use on our website at ERICO.com.

QUICKFILL



- Convenient, no-mix install
- Low dust formulation
- No water required for installation
- Quick installation - no tools or special equipment required
- Immediate resistance measurements
- Easy-to-handle 25 lb (11.3 kg) bags enables one-person install
- Seasonal variability

GEM



- Cement-based formulation
- Theft-deterrent after cure
- Fully IEC 62561-7 compliant
- Resistance measurement in three days
- Fully cures within 28 days
- Premium product, best-in-class of this type of product
- Bag with handles or plastic bucket with locking lid
- No seasonal variability

APPLICATIONS

Utility

Commercial and Industrial

Telecom

Rail

Product Comparison

nVent ERICO Quickfill and nVent ERICO GEM

	Quickfill		GEM	
Applications				
Core Differentiators				
Material	Carbon		Carbon/Cement	
IEC 62561-7 certification				
Resistivity - Soil box	25 Ω-cm	●	20 Ω-cm	●
Leaching - EPA 1311/EN12457-2	Passed	●	Passed	●
Sulfur - Relevant to corrosion	< 2%	●	< 2%	●
Corrosion - Linear polarization	> 1.5 Ω-m^2	◐	> 8 Ω-m^2	●
Low-dust	Yes	●	No	○
Dust mask recommended	No	●	Yes	○
Time to install one 8-foot ground rod	< 1 minute	●	> 5 minutes	◐
Mix with water to install	No	●	Recommended	◐
Ideal cure time before measurement	0 days	●	3 days	◐
Hard-set	No	◐	Yes	●
Theft-deterrent benefits	No	○	Yes	●
Resists seasonal variability	No[1]	○	Yes	●

[1] Dry ground enhancement materials are more sensitive to seasonal variability than cement-based materials.

nVent

Our powerful portfolio of brands:

CADDY ERICO HOFFMAN RAYCHEM SCHROFF TRACER

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nVent reserves the right to change specifications without notice. ERICO-DS-H84395-QuickfillGEM-USEN-1909