nVent ERICO Quickfill

NO-MIX GROUND-ENHANCING BACKFILL

WHY NVENT ERICO QUICKFILL?

- Quickfill is the perfect ground-enhancing backfill when a convenient installation is critical.
- Quickfill lowers system resistance and is designed to minimize dust and eliminate mixing.

ADVANTAGES

- Lowers system resistance to ground
- Low-dust formulation
- Water not needed to install or perform
- Resistance measurements can be taken immediately after installation
- Fast installation – no mixing or cure time required
- Can be installed in below-freezing temperatures
- Does not dissolve, decompose, or leach out with time
- Corrosion-resistant
- Sulfur content below 2% per IEC 62561-7
- Easy-to-handle 25 lb. (11.3 kg) bags
- One-person installation
- Complies to the U.S. Environmental Protection Agency (EPA) Toxicity Characteristic Leaching Procedure (TCLP), test method 1311
- Complies to EN 12457-2 Characterization of Waste Leaching Procedure, ENV 12506 and ENV 13370

APPLICATIONS

- Utility
- Commercial and Industrial
- Telecom
- Rail

Product Comparison

nVent ERICO Quickfill vs. nVent ERICO GEM

	Quickfill		GEM	
Application Photos				
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.

Product Comparison

nVent ERICO Quickfill vs. Cement Formulations vs. Bentonite Clay Mixes

	Quickfill	Cement Formulations	Bentonite Mixes
Application Photos			
Core Differentiators			
Material	Carbon	Carbon/Cement	Bentonite Clay/Gypsum
IEC 62561-7 certification			
Resistivity - Soil box	25 Ω-cm ●	Not claimed[2] ○	> 200 Ω-cm ○
Leaching - EPA 1311/EN12457-2	Passed ●	Not claimed[2] ○	Not claimed[2] ○
Sulfur - Relevant to corrosion	< 2% ●	Not claimed[2] ○	> 2% ○
Corrosion - Linear polarization	> 1.5 Ω-m[2] ◐	Not claimed[2] ○	Varies[3] ◐
Low-dust	Yes ●	No ○	No ○
Dust mask recommended	No ●	Yes ○	Yes ○
Time to install one 8-foot ground rod	< 1 minute ●	> 5 minutes ◐	> 5 minutes ◐
Mix with water to install	No ●	Recommended ◐	Recommended ◐
Ideal cure time before measurement	0 days ●	3 days ◐	0 days in wet soil ●
Hard-set	No ◐	Yes ●	No ◐
Theft-deterrent benefits	No ○	Yes ●	No ○
Resists seasonal variability	No[1] ○	Yes ●	No[1] ○

[1] Dry ground enhancement materials are more sensitive to seasonal variability than cement-based materials.
[2] Not claimed at time of publication. Check with manufacturer.
[3] Check with manufacturer.

nVent

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