

nVent ERICO Quickfill No-Mix Ground Enhancing Backfill



nVent ERICO Quickfill is a no-mix ground-enhancing backfill that reduces resistance to ground and enables convenient installations. Quickfill is designed to minimize dust and eliminate mixing. It is the ideal material to use in areas of poor conductivity such as rocky ground, mountain tops, and sandy soil. Once installed, Quickfill is maintenance-free, not requiring periodic charging. Dry ground enhancement materials are more sensitive to seasonal variability than cement-based materials.

CARACTERISTICI

Lowers system resistance to ground

Low-dust formulation

Water not needed to install or perform

Fast installation with 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

Requires only one person to install

Resistance measurements can be taken immediately after installation

Complies to the U.S. Environmental Protection Agency (EPA) Toxicity Characteristic Leaching Procedure (TCLP), EPA test method 1311

Complies to EN 12457-2 Characterization of Waste Leaching Procedure, ENV 12506 and ENV 13370

SPECIFICAȚII

Table 1/1

Număr de catalog	Unit Weight
QF25	11.3 kg

Specifications		
Parameter	Values	Test Method
Resistivity	< 15 Ω -cm when mixed with 40% water by weight < 25 Ω -cm when tested dry	4-Electrode method per ASTM G57-06
Sulfur Content	< 2%	ISO 4689-3
Leaching	< reporting limit for all substances	EN 12457-2 TCLP per EPA 1311
Density	993 kg/m ³	-

Estimated Trench Length per Bag of Quickfill			
Trench Width	Total Thickness of Quickfill		
	10 cm	13 cm	15 cm
10 cm	1.10 m	0.88 m	0.73 m
15 cm	0.73 m	0.58 m	0.49 m
20 cm	0.55 m	0.43 m	0.37 m
25 cm	0.43 m	0.34 m	0.27 m
30 cm	0.37 m	0.27 m	0.24 m

Estimated Bags of Quickfill for Backfilling Around Ground Rods						
Diameter	Depth					
	1.5 m	1.8 m	2.4 m	3.0 m	4.6 m	6.1 m
10 cm	1.1	1.3	1.8	2.2	3.3	4.4
15 cm	2.5	3.0	3.9	4.9	7.4	9.8
20 cm	4.4	5.2	7.0	8.7	13.0	17.4
25 cm	6.8	8.2	10.9	13.6	20.3	27.1
30 cm	9.8	11.7	15.6	19.5	29.3	39.0

AVERTIZARE

Produsele nVent trebuie instalate și utilizate numai așa cum este indicat în fișele de instrucțiuni și materialele de formare ale nVent. Fișele de instrucțiuni sunt disponibile pe www.nvent.com și de la reprezentantul dvs. de servicii clienți nVent. O instalare incorectă, o utilizare abuzivă, o aplicare greșită sau orice altă lipsă de respectare completă a instrucțiunilor și avertismentelor nVent poate duce la defectarea produsului, la deteriorarea proprietății, la răni corporale grave și moarte și/sau poate anula garanția dvs.

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Option 1 – Customer Care

Option 2 – Technical

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