



CONNECT AND PROTECT

Ground Enhancement Material (GEM)

Now Conforms to IEC 62561-7 Standard

nVent ERICO Ground Enhancement Material (GEM) – a superior conductive material that solves your toughest grounding problems. Third party testing has been completed to verify that GEM conforms to IEC 62561-7. This standard introduces a benchmark for corrosion and electrical performance that has been absent from the industry to date.

GEM is a low-resistance, non-corrosive, carbon dust-based material that improves grounding effectiveness, especially in areas of poor conductivity. Its resistivity factor is less than 2 ohm-cm, which is less than 1% the resistivity value for bentonite clay.

GEM contains portland cement, which hardens when set, to become a conductive concrete that is permanent, maintenance-free and will never leach or wash away. GEM improves grounding effectiveness regardless of soil conditions. It is the ideal material to use in areas of poor conductivity, such as rocky ground, mountain tops and sandy soil.

GEM is also the answer in situations where ground rods can't be driven or where limited land area makes adequate grounding difficult with conventional methods.

- ✓ **GEM IS EFFECTIVE**
- ✓ **GEM IS PERMANENT**
- ✓ **GEM IS EASY TO USE**

For vertical applications, GEM can be installed in slurry (wet) form or dry. GEM sets the standard for reducing earthing resistance, maintaining a permanent low resistance and for providing high conductivity for the life of the grounding system. In addition, GEM does not adversely affect soil and will not leach ions or contaminate ground water. It meets all EPA requirements for landfill (USA).

Part Number	Description
GEM25A	25-lb. (11.36 kg) bag with handle
GEM25ABKT	25-lb. (11.36 kg) plastic bucket with locking lid

For more information, visit nVent.com/ERICO

