Lyncole XIT® Electrolytic Grounding Systems

EARTH ENHANCEMENT PRODUCTS

Lyncole XIT® Grounding Systems include the XIT rod, electrolytic earth salts, a protective cover box with lid, and enough backfill material for a standard installation.

Each system is delivered with the appropriate amount of Lynconite II® which is the default backfill material for the following reasons:

- Lynconite II is extremely conductive, improving the performance of the grounding system.
- When Lynconite II is installed in its slurry form, it forms completely to the XIT electrode with no pockets or gaps, making an ideal connection between the grounding electrode and earth.
- Lynconite II has a nearly neutral pH. This protects the copper allowing Lyncole XIT Grounding to provde a 30 year warranty on the system.

Grounding Gravel®, a pelletized form of Lynconite II is also available. It can be used as an alternative to mixing Lynconite II on site. Rather than mixing with water prior to installation, the pellets are poured in the hole or trench and then covered with water. Grounding Gravel can easily be installed in standing water. One 50 lb. bag of Grounding Gravel fills a smaller cubic area than one 50 lb. bag of Lynconite II fills, for this reason additional bags may be required.

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LYNCOLE GROUNDING GRAVEL® - THE "QUICK" ALTERNATIVE

CATALOG NO.	WEIGHT	CUBIC FEET PER BAG
GG	50 lb.	1

Lyncole Grounding Gravel is a pelletized form of Lynconite II® and is particularly beneficial for installations involving standing water. Grounding Gravel is based on a natural earth clay formed by volcanic action.

Although used in many different applications, it is extremely beneficial for earth grounding applications. Grounding Gravel is also environmentally safe, having met the NSF Standard 60 requirement for long-term contact with drinking water. Grounding Gravel has all the qualities of an excellent backfill material for grounding electrodes and conductors.

Grounding Gravel is highly conductive which improves the grounding system performance. Its nearly neutral pH also promotes a long life of grounding electrodes and/or grids by protecting them from surrounding soil which may be very corrosive. This is one of the factors that allow Lyncole's XIT grounding systems to be warranted for 30 years with a life expectancy of 50 years.

Installation: Grounding Gravel does not need to be mixed into a slurry, instead half the bag is poured into the hole followed by 2-3 gallons of water. After 5 minutes the water is absorbed

Benefits of Lyncole Grounding Gravel:

- Easily Installed
- Provides Good Electrical Bond With Earth
- Very Electrically Conductive
- Very Protective Of Copper
- Lowers Ground System Resistance