

## SWK EARTH CONTACT BACKFILL

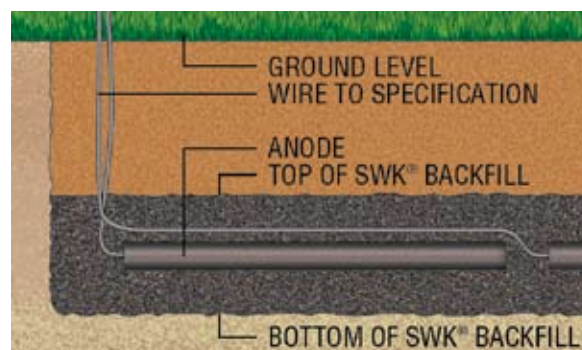
Loresco SWK is designed specifically for impressed current surface and containerized anodes. It has particle sizes ranging from .004 in. to one-half (1/2) in. SWK is heavy and sinks readily in water or light mud. It can be installed by pouring around the anodes and tamping is not necessary.

The particles of SWK exhibit a hard round shape and are composed of almost solid carbon. The bulk density of SWK is seventy pounds per cubic foot and the porosity is forty-four percent. SWK is a product designed specifically for use around anodes in the earth.

The low resistivity of SWK enables intimate anode contact and assures that most electrolytic discharge will occur at the backfill periphery. According to EPA-approved leachrate tests, SWK meets all purity requirements for materials utilized in underground burial. There are no "dedusting oils" allowed in the production of Loresco SWK.

## INSTALLATION

Loresco SWK may be poured freely in dry applications. Tamping is not required. If SWK is poured through water or light mud, the rate of pouring should not exceed the rate of SWK's wetting and sinking. The rate of pouring through water will be approximately one-hundred pounds per two minutes.



Typical Horizontal Installation

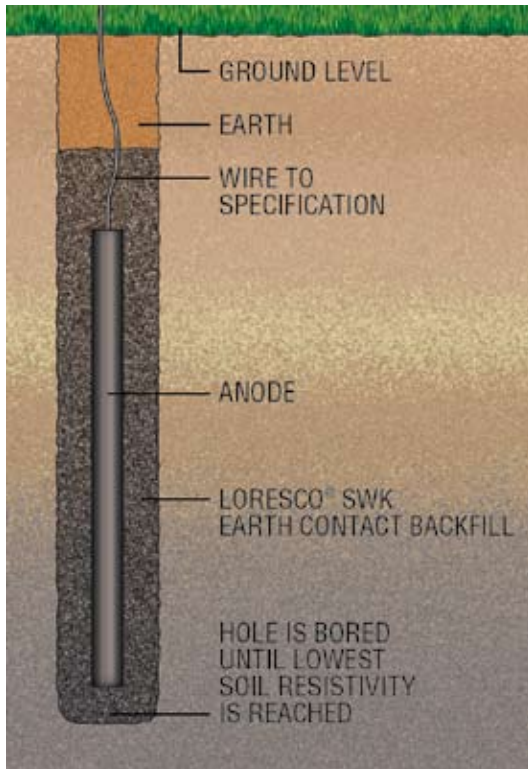
## HORIZONTAL INSTALLATION PROCEDURE

(see illustration)

- Have a reasonably clean ditch (design usually calls for a ditch one foot wide.)
- Pour Loresco SWK in a continuous layer six inches deep (or as specified.)
- Place anodes on top of SWK.
- Pour SWK in a continuous layer until anodes are covered by a six inch backfill cover or as specified.
- Fill the remainder of the ditch as specified.

### VERTICAL INSTALLATION PROCEDURE

- Have a reasonably clean hole (depth depending on soil resistivity.)
- Place one foot of SWK in bottom of hole.
- Lower and center anode in proper position.
- Pour SWK over anode until design level is reached.
- Fill remainder of hole as design specifies.



Typical Vertical Installation

### DRY VOLUME OF LORESCO TYPE SWK REQUIRED VS. CYLINDRICAL HOLE SIZE

HOLE SIZE	CUBIC FT. PER LINEAL FT.	LBS. TYPE SWK PER FT.	FT. TYPE SWK PER 100 LBS.	LBS. SWK PER 100 FT. OF HOLE
4"	.087	6.1	16.40	610
6"	.196	13.7	7.30	1370
8"	.349	24.4	4.10	2440
10"	.545	38.2	2.62	3820
12"	.784	54.9	1.82	5490

### SPECIFICATIONS

<b>Fixed Carbon</b>	99.35%
<b>Ash</b>	0.6%
<b>Moisture</b>	0.05%
<b>Volatiles</b>	nil (950°C)*
<b>Bulk Density</b>	70 lbs. per cubic foot
<b>Particle Sizing</b>	Ranging from .004 to 1/2 inch

*Typical values shown above. Specifications subject to changes without notice.*

*\*Hydrogen / hydrocarbons nil due to calcination temperature in excess of 1200° C*

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