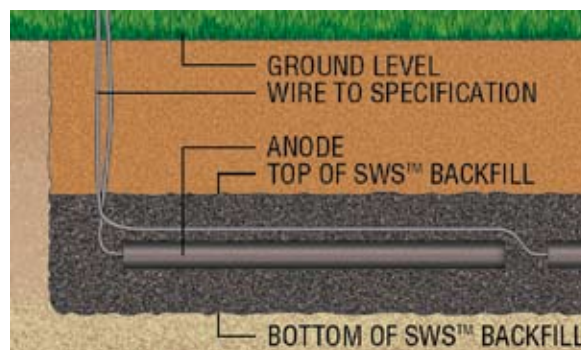


Loresco SWS is designed for use in impressed current surface systems. SWS is also suitable for containerized anode systems and semi-deep impressed current systems. SWS is also designed for use around continuous, long-line impressed current anodes.

Loresco SWS is a uniform sized earth contact backfill with 90 percent of the particles between 1mm and 5mm. The bulk density of Loresco SWS is 68 lbs per cubic foot.

The production of SWS begins with the selection of a base material which meets Loresco's exacting standards. Calcination of the base material is strictly controlled according to Loresco's quality control standards. There are no "dedusting oils" allowed in the production of SWS.

The free-flowing properties of Loresco SWS allow the product to be quickly poured into position. Loresco SWS may be poured into water or light mud without sacrificing system integrity due to poorly compacted carbon. Set up time is almost instantaneous.



Typical Horizontal Installation

## INSTALLATION

Loresco SWS may be poured freely in dry applications. If SWS is poured through water, the rate should not exceed one-hundred pounds per minute. The rate of pouring should be decreased if the fluid is a light mud.

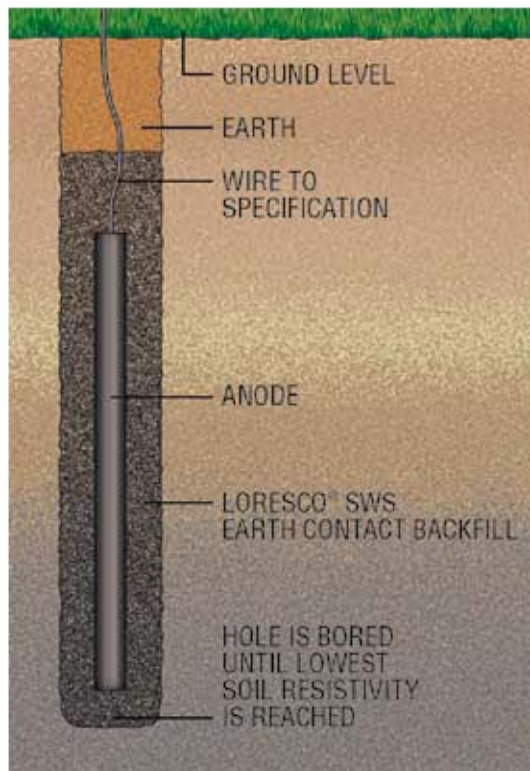
### HORIZONTAL INSTALLATION PROCEDURE

(see illustration)

- Have a reasonably clean ditch (design usually calls for a ditch one foot wide.)
- Pour Loresco SWS in a continuous layer six inches deep (or as specified.)
- Place anodes on top of SWS.
- Pour SWS 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 SWS in bottom of hole.
- Lower and center anode in proper position.
- Pour SWS over anode until design level is reached.
- Fill remainder of hole as design specifies.



Typical Vertical Installation

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

HOLE SIZE	CUBIC FT. PER LINEAL FT.	POUNDS TYPE SWS PER FT.	FT. TYPE SWS PER 100 LBS.	LBS. SWS PER 100 FT. OF HOLE
4"	.087	5.9	16.9	590
6"	.196	13.3	7.5	1330
8"	.349	23.7	4.2	2370
10"	.545	37.1	2.7	3710
12"	.784	53.3	1.9	5330

### SPECIFICATIONS

<b>Fixed Carbon</b>	99.25%
<b>Ash</b>	0.6%
<b>Moisture</b>	0.05%
<b>Volatiles</b>	nil (950°C)*
<b>Bulk Density</b>	68 lbs. per cubic foot
<b>Particle Sizing</b>	90% between 1mm and 5mm

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

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