

LORESCO®

Earth Contact Backfill

PRODUCT INFORMATION

LORESCO® EARTH CONTACT BACKFILLS

Loresco® earth contact backfills are produced exclusively for the corrosion industry. Each type has been modified to enhance the functionality in relation to its suggested use. The enhancements insure intimate anode contact and enable electrolytic discharge to occur at the backfill periphery. All Loresco® products have a greater than 99% fixed carbon content. The high carbon content, coupled with low resistivity, assures long system performance.

Loresco® Earth Contact Backfill. We set the performance standard.

SW®

Loresco® SW is designed for use in impressed current surface systems. SW may be poured dry or through water or light mud. The sizing of SW, which is between 1 mm. to 1/2 inch, produces a product ideal for pouring. No tamping is necessary after pouring.

SWK®

Loresco® SWK is produced for use in impressed current surface systems and containerized anodes. The sizing of SWK averages 1 mm. SWK may be poured dry or through water or light mud. No tamping is necessary.

DW-1®

Loresco® DW-1 is produced for impressed current surface systems and light duty semi-deep anode systems. DW-1 is a sized material with the largest particle allowance being 1 mm. Its bulk density is 74 lbs. per cubic foot. This, coupled with the high fixed carbon content, promotes long system life. Particle sizing insures intimate anode-to-backfill contact. DW-1 may be applied by pouring or by pumping.

SC-2™

Loresco® SC-2 is a "dust-free" sized and surface

modified carbon product designed to be utilized in impressed current anode systems. Particle selection and surface modifications greatly enhance the functionality of SC-2 as an earth contact backfill. These enhancements increase the ability of the particles to make contact with the anode and conduct current to the backfill periphery. By doing this, SC-2 promotes a long anode life. SC-2 is easily pumped and settles readily, providing a dense, but porous, contact medium.

Loresco® is a naturally formed round grain product modified and sized for use as an earth contact backfill for the corrosion industry. Five specifications are produced to fit the various field conditions and application methods. Each specification has been modified to maximize the function of the backfill in relation to its suggested use.

SC-3™

Loresco® SC-3 is the finest backfill in the Loresco® line. It is a "dust-free" carbon product that has been sized, surface modified, and wetting agents added. Advanced technology, developed exclusively for carbon backfill modification is practiced to its highest degree in SC-3. Loresco® SC-3 has a dynamic **40% reduction in operating resistivity** as a result of this technology.

SC-3 is a multi-purpose backfill that can be used in surface systems or deep anode systems. The ability of SC-3 to completely "wet" allows the carbon particles to settle and compact

thoroughly. It is recommended for installations requiring the highest quality electrolytic contact between the anode and the backfill. This insures a longer anode life and also a system with substantially lower resistance.

The advanced technology, utilized in SC-3, not only improves the electrical characteristics of the backfill, but also has improved installation properties. SC-3, a product produced exclusively for the corrosion industry, is the premium Loresco® product.

INSTALLATION

Loresco® backfills are produced exclusively for use as earth contact backfills. Five specifications of Loresco® are manufactured, allowing an appropriate backfill selection for the varied installation and performance requirements. See the individual

product sheets for installation procedures.

POURING LORESCO®

All Loresco® backfills may be poured. When Loresco® is poured into a dry cathodic protection system, no additional effort, such as tamping, is necessary. All Loresco® products will sink in water or light mud. Caution must be practiced, however, when pouring into a fluid, limiting the rate of pouring to the rate of sinking.

PUMPING LORESCO®

Loresco® DW-1, SC-2, and SC-3

LORESCO® DENSITY AND VOLUME VS. CIRCULAR HOLE SIZES					
Specifications	Density (Lbs./Ft.)	Lbs. Loresco® Per Ft. (4")	Lbs. Loresco® Per Ft. (6")	Lbs. Loresco® Per Ft. (8")	Lbs. Loresco® Per Ft. (10")
Type SW	54	4.7	10.6	18.8	29.4
Type SWK	70	6.1	13.7	24.4	38.2
Type DW-1	74	6.4	14.3	25.5	39.8
Type SC-2	74	6.4	14.3	25.5	39.8
Type SC-3	74	6.4	14.3	25.5	39.8

have been sized and may be pumped. These three specifications are normally mixed with 7-9 gallons of water before pumping. They may be installed from the bottom of the deep well system — up, without lifting the flow pipe. SC-3 is the easiest backfill to pump due to the addition of wetting agents in its manufacture.

Normally, twenty-four hours

should be allowed before energizing the system after pumping.

SHIPPING DATA

All Loresco® products are shipped in woven polypropylene bags with an inner liner made of polyethylene. These bags have been proven in field use. They may be stored outside, but should not be stored in direct sunlight for over four-hundred hours. All Loresco® products may be shipped either with or without pallets. Proven export packaging is available.

See the individual product sheets for more information on a specific backfill.

LORESCO®

Distributed by:
 Interprovincial Corrosion Control Co. Ltd.
 930 Sheldon Court
 Burlington, Ontario L7L 5K6
 Telephone: (905) 634 7751
 Fax: (905) 333 4313
 Website: www.Rustrol.com

