
- **Technical Data Sheet: LPI RESLO**

- Best solution for standard soil conditions
- Mix with water and pour onto required area
- Does not wash away
- Suitable for applications where driving ground rods may be difficult
- Comes in easy to handle 10kg bags



LPI® RESLO

- **Product Description**

The requirement of a good earth resistance is extremely important with the installation of any earthing system.

LPI's RESLO provides the ability to dramatically reduce soil resistivity even in soils with average electrical conductivity.

RESLO is comprised of specifically selected compounds, which possess excellent electrical conductivity. When RESLO is mixed with water and poured on the earthing system and surrounding soil the powder and water react to form a hardened mass within your earthing system. RESLO will not wash away under seasonal conditions and therefore provides a permanent presence in working to improve and maintain the integrity of your earthing system. Given that RESLO does not wash away the requirement to re-treat the soil as is the case with other enhancing compounds is eliminated.

RESLO is supplied in multiples of 10kg-packaged bags to suit your site application. These packaged bags have full installation and handling instructions and combine a plastic handle and HDPE plastic inner for ease and safety of handling.

- **Product Application**

Given that all earthing systems are installed in varying soil types and conditions, it must be understood that the application results of RESLO will also be dependant on these site-specific conditions. For a typical trench installation, one 10 Kg kit of RESLO will achieve desired earth resistance levels in combination with appropriate conductors for a trench covering 2.5m in length x 300mm in width and a depth of 500mm to 1000mm.

All earthing systems are typically required to achieve a Ground DC Resistance of < 10 Ohms and impedance of < 30 Ohms as outlined in most standards.

If installing either a radial earthing system or grid type earthing system it is recommended that all earthing conductors be installed at a depth of between 500mm and 750mm (recommended) with a maximum depth of 1000mm. In order to further assist in improving the earth resistance of the system, it is recommended that excavated soil of poor quality (Rocky) be replaced with soil of a good quality prior to replacing the earthing system with all excavated soil.

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**RECOMMENDED BAGS OF RESLO-10 REQUIRED FOR BACKFILLING
TYPICAL TRENCH INSTALLATIONS**

Width of Trench (mm)	Length of Trench 2.5m	Length of Trench 5m
300 mm	1	2

For trench dimensions outside of the given specifications please contact LPI or an authorized distributor for further advice.



**RECOMMENDED BAGS OF RESLO-10 REQUIRED FOR
BACKFILLING GROUND ROD INSTALLATION**

Dia. of Hole (mm)	Depth of Hole (mm) 1800mm	Depth of Hole (mm) 2400mm	Depth of Hole (mm) 3000mm
75mm	1	1	1
125mm	2	2	3
175mm	3	4	5

For augured hole dimensions outside of the given specifications please contact LPI or an authorised distributor for further advice.



- **“LPI Endorsed Product”** – The symbol of assurance of quality and performance.
- LPI has a policy of continuing product development. Therefore, the above specifications are subject to change without notice.

LPI® - Innovative Lightning and Surge Protection Solutions



Direct Strike Protection



Surge & Transient Protection for Power, Data, Communications and RF lines



Grounding Products & Solutions