

## DIFFUSER KIT WITH ROD

The diffuser, due to its geometry, increases the contact surface that the rod alone offers.

It is special for simple installations such as a house, installation on poles or cabinets.

The application of TERRA-EP as a soil intensifier reduces the Metal-Soil contact resistance, since its chemical and hygroscopic properties generate an interface with a low resistivity value, without promoting corrosion or contamination of the soil.

Complies with CRETIB tests (Non-corrosive, Non-reactive, Non-explosive, Non-toxic, Non-flammable, Non-infectious biological).

### Characteristics

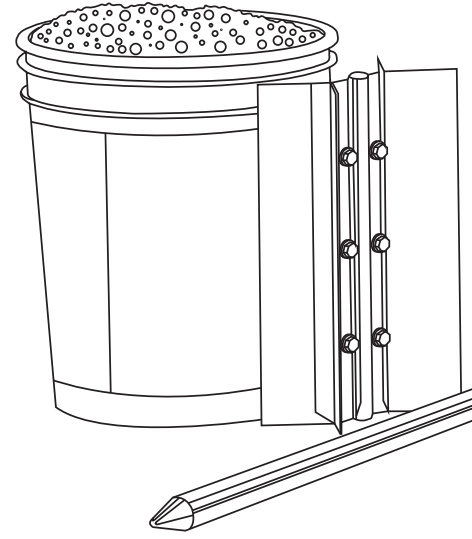
Varilla de Acero Inox. de 5/8 x 1.5 m.  
11 Kg. Intensificador TERRA - EP  
Difusor de Acero Inox. 18 cm. x 28 cm.

### Applications

- Recommended as reinforcement for laying rods to Earth.
- For grounding equipment, as well as electrical connections.
- Essentially create short installation times with protection and giving low resistance.

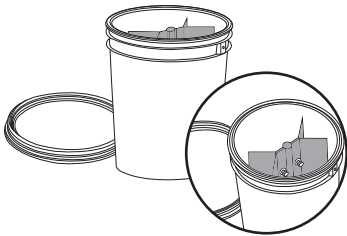
### Normativity

Complies with the Official Standard NOM-052-ECOL and NOM-053-ECOL.

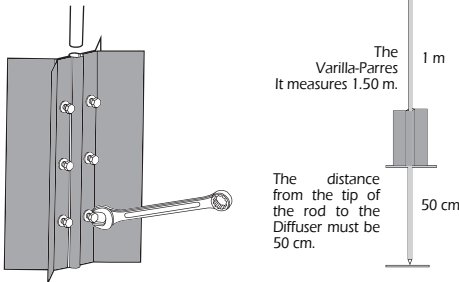


## Installation

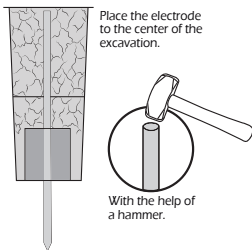
- 1** Open the bucket and take out the Diffuser.



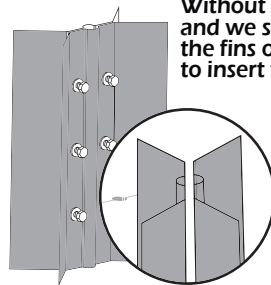
- 3** Insert the Rod into the center of the Diffuser and screw firmly with a 7/16" wrench.



- 5** Place the electrode in the center of the excavation.



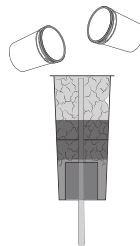
- 2** Loosen the Diffuser hardware only to insert the rod.



- 4** Excavation.

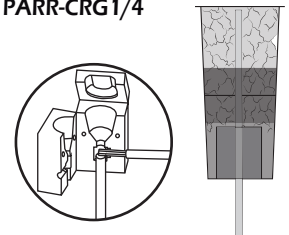


- 6** Place the terra and then water, the same portion of the bucket on the TERRA.

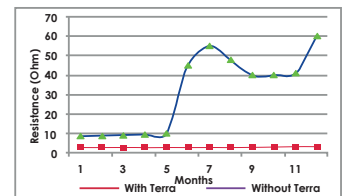
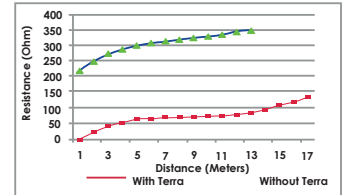


- 7** Connection with Exothermic Welding or Mechanical Connection.

Mold: PARR-CRG1/4



Certified by **LAPEM**



The table shows the performance of the Rod Diffuser Kit vs a copperweld rod of 3 and 1.5 in length.

Kind of Land	Resistivity $\Omega\text{m}$	Resistivity $\Omega\text{Wand Diffuser Kit}$
Wetallivation	10	2.29
Crop	50	11.47
Saline Clay	150	34.40
Fine Clay	200	45.87
Gravel and Earth	250	57.34
Tepetate	300	68.81