INSTALLATION INSTRUCTION

SRIM-20

TRENCH INSTALLATION

The application of SRIM-20 (20 kg) to a typical earthing system installed in a trench, which consists of rods, tapes or conductors (Electrodes), involves the following steps -

1. Dig a trench to the recommended dimensions as detailed in the attached drawings.
2. Dampen the trench with water.
3. Shake the contents of the smaller bag (light-coloured fine powder) to an even consistency. Mix the contents of the smaller bag thoroughly with the contents of the larger bag (petroleum coke fines) and add 5 L of water to the mixture per 10 kg of SRIM-20.

   Note: The mixing of SRIM-20 and water is best done in a cement mixer or in a wheelbarrow or large bin with the aid of a mixing rod or mechanical agitator.
4. Pour a thin layer of SRIM-20 into the bottom of the trench.
5. Place all earth electrodes in the trench as required.
6. Immediately pour remaining mix directly into the trench.
7. If required repeat step 4 & 5 until entire length of trench is covered with SRIM-20.
8. Backfill the hole or trench with the original soil.

   Note: If the excavated soil is of poor quality, e.g. clay rock or shale, it should not be used and garden loam or sand.

RECOMMENDED BAGS OF SRIM-20 REQUIRED
FOR BACK-FILLING TYPICAL TRENCH INSTALLATIONS

Width of Trench (mm)	Length of Trench 5 m	Length of Trench 10 m
300 mm	1	2

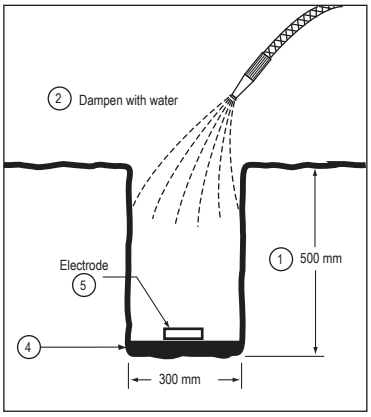

Figure 1

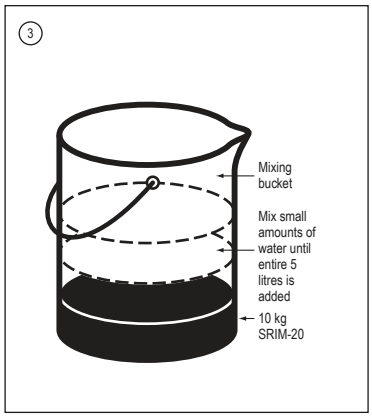

Figure 2

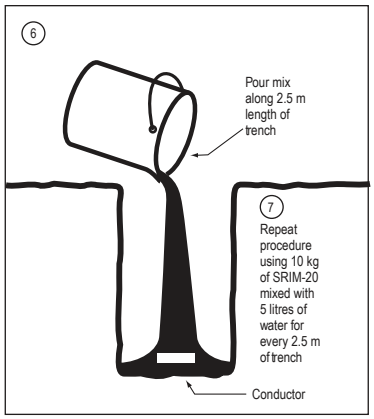

Figure 3

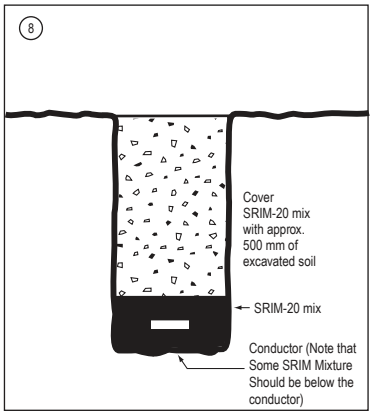

Figure 4

SRIM-20

EARTH ROD INSTALLATION

The application of SRIM-20 (20 kg) for a driven earth rod involves the following steps -

1. Drill or auger a 75 mm (approx.) diameter hole to a depth of 150 mm less than the total length of the rod to be installed.

2. Dampen the hole with water.

3. Place the earth rod into a central position in the hole and drive the rod 300 mm if possible into the soil at the bottom of the hole. The top section of the earth rod should now be approximately 150 mm below the lip of the hole.

4. Shake the contents of the smaller bag (light-coloured fine powder) to an even consistency. Mix the contents of the smaller bag thoroughly with the contents of the larger bag (petroleum coke fines) and add 5 L of water to the mixture per 10 kg of SRIM-20.

   Note: The mixing of SRIM-20 and water is best done in a cement mixer or in a wheelbarrow or large bin with the aid of a mixing rod or mechanical agitator.

5. Immediately pour mix directly into augered hole.

6. Repeat step 4 & 5 in accordance with recommended number of applications of SRIM-20 as per the attached table.

7. Backfill the hole or trench with the original soil.

   Note: If the excavated soil is of poor quality, e.g. clay rock or shale, it should not be used and garden loam or sand

RECOMMENDED BAGS OF SRIM-20 REQUIRED FOR BACK-FILLING INSTALLATIONS

Dia. Of Hole (mm)	Hole Depth 1800 mm	Hole Depth 2400 mm	Hole Depth 3000 mm
75	0.5	0.5	0.5
125	1	1	1.5
175	1.5	2	2.5

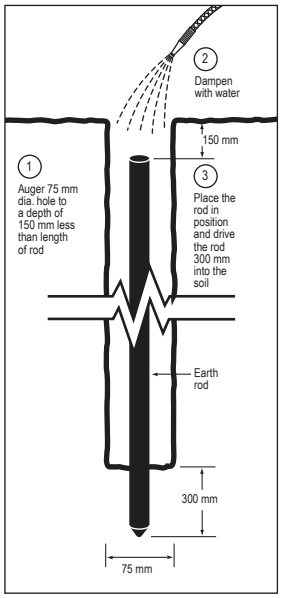

Figure 1

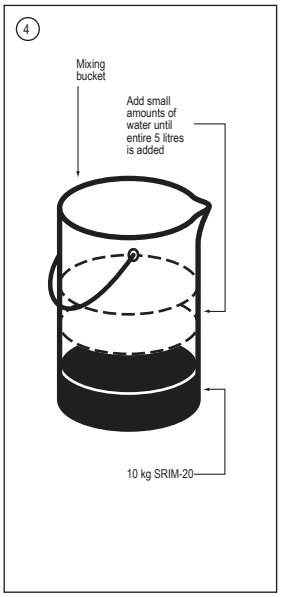

Figure 2

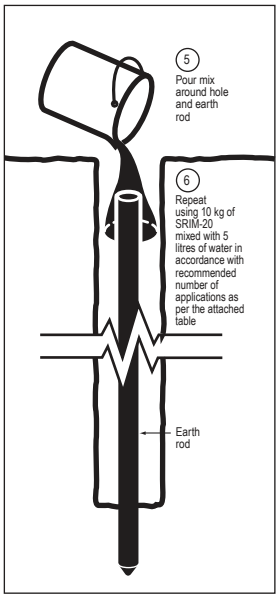

Figure 3

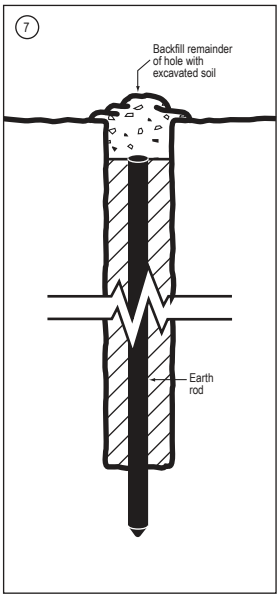

Figure 4

SRIM-20

BAG DISPOSAL

SRIM is classified as Hazardous Chemical/Non Dangerous Goods. The disposal of contents and packaging are to be undertaken at an Authorized Chemical Landfill, with the labelling on the packaging clearly visible to the receiving Authorized Chemical Landfill operator. In disposing of the packaging, follow the safety precautions shown on the packaging and Safety Data Sheet (SDS). Dispose of contents and container in accordance with local regulations. No additional safety measures are necessary.

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