# E-SHIELD™

**Installation Guideline**

## 1. Goal and application

The light-weight E-Shield™ protection rolls are used to protect and signal under-ground electricity cables (mid and low voltage). The rolls are installed horizontally in the ditch above the cables.

## 2. Installation

- Excavate the ditch for installing the mid and low voltage cables. Make sure that the width:
  - Is sufficient to install the cables
  - Is slightly wider than the width of the E-Shield ™
- Clear all obstacles and stabilize ditch walls if necessary.
- Lay the cables into the ditch
- Cut off the sides of the ditch, after installation of the electricity cables, which will create a thin layer of soil on top of the cables.
- Install the E-Shield™ in the ditch and roll out with the red side upwards.



**Put cable in ditch**



**Cover cable with soil**



**Roll out the E-Shield™**

- Cover the E-Shield™ with soil. After the ditch is filled, compact the fill.

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