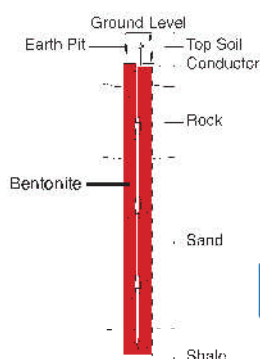


Low-Resistance Earthing Compound

Wallis low-resistance earthing compound is an electrically conductive aggregate. It is a grey, fine granular material used in place of other concrete aggregates such as sand. When mixed with cement and water it forms a permanent electrically conductive concrete.

The conductive concrete is ideal for use in difficult ground conditions. It is a permanent, stable and maintenance free solution to obtaining a low resistivity earth. The typical mixing ratio of low-resistance earthing compound to cement is 3:1 by weight.

Type	Unit Weight kg	Pack Quantity	Part Number
Low-Resistance Earthing Compound Only	25	1 Bag	EMA 25
Low-Resistance Earthing Compound Pre-Mixed with Cement			EMA 26



Bentonite

Bentonite is a moisture retaining clay used as an earth electrode back-fill to help lower soil resistivity. The clay is a sodium activated montmorillonite, which when mixed with water swells to many times its original dry volume.

Bentonite can be supplied in granular or powder form. The granular form is easier to handle as the powder can cause dust in windy conditions. Granular is the preferred option for filling trenches as the substance can be mixed in the trench. Powder is the preferred option for pouring into bore holes to ensure the mixture is a thin enough consistency to reach the bottom of the hole.

The typical expansion ratio when mixed with water is 2:1.

Type	Unit Weight kg	Pack Quantity	Part Number
Bentonite Granular Form	25	1 Bag	EBG 25
Bentonite Powder Form			EBG 25P



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