Low Res

Wallis ***Low Res*** provides a permanent simple solution to substantially lower the resistance of an earthing system.

It is a high performance low-resistance earthing compound which when mixed with cement and water forms a high strength electrically conductive concrete to last for the life of the system.

Low Res is supplied in a fine granular form available in 25kg bags. It is widely used in earthing and grounding applications where permanent low resistance and high compressive strength solutions are required.

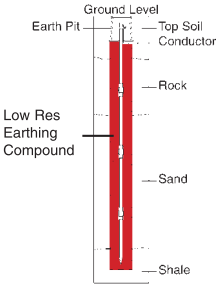
By mixing ***Low Res*** with cement at a ratio of 2:1 the resulting concrete is electrically conductive whilst offering a solid electrical connection between the earthing system and the ground.

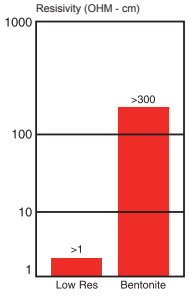
To use ***Low Res*** without concrete simply mix with water into a slurry for holes or a firm mix for trenches.

Low Res is a non leaching, maintenance free stable earthing compound ideal for use in ground conditions where conductivity is very poor such as rock or shale. ***Low Res*** provides a permanent path for excellent conduction of current instead of attempting to employ large diameter difficult to drive earth rods.

Low Res applications include static control for aircraft aprons and fuel tankers, RF and microwave screening and earthing for a wide variety of applications in Oil and Gas installations, Telecommunications industry, Defence Establishments, Rail and Underground installations, Electricity and Water Companies.

Low Res is the permanent effective and simple solution.





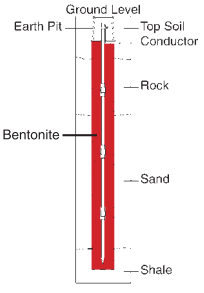
Type	Unit Weight kg	Pack Quantity	Part Number
Low Res Earthing Compound Only	25	1 Bag	EMA 25
Low Res Earthing Compound Pre Mixed with Cement	25		EMA 26

BS EN 62561-7

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.While there is no specific mixing ratio, we recommend gradually adding Wallis Bentonite to water in a mixing vessel, agitate to evenly disperse the Bentonite and continue mixing until there is a workable slurry that suits the site, hole or trench.

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.



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