## EARTH INSPECTION PITS | Earthing & Lightning

CONCRETE INSPECTION PIT



# Concrete **Earth Inspection Pit**

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Concrete inspection pits are load rated to 4,500kg, suitable for most types of earthing and lightning protection installations. The base is designed to accept a diagonal earth bar with 5 or 7 terminations (PT006 and PT007).

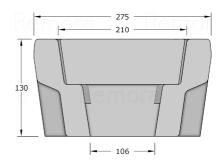
- Suitable for most types of earthing and lightning protection installations.
- The inspection pits protects the earth rod connection and makes it accessible for inspection.

Standards: BS EN 62561-8-2011

Material: Concrete







Code	Description		Load Rating (Kg)	Weight each (Kg)
EPC280	Concrete inspection pit		4,500.0	16.0
Code	Description	Dimensions	Hole Size	Weight (Kg)
PT006	5 hole copper earth pit bar	300 x 25 x 6	11	0.40
PT007	7 hole copper earth pit bar	300 x 25 x 6	11	0.58

### Soil Conditioning - FurseCEM (Marconite)

FurseCem is a granulated conductive medium designed to replace the conventional aggregate in concrete and thereby provide a medium with good electrical conductivity and high strength. This formulation of compound is widely know as 'Marconite' throughout the industry.

It can provide a permanent solution to problems in electrical/constructional situations. FurseCEM is a dark grey, granular material that replaces traditional sand and aggregate materials used within concretes mixes. It should be mixed in the ratio of 3 parts of FurseCEM to 1 part cement by weight with the addition of 1 litre of water per 5 Kg of total mix. FurseCEM forms a relatively dry material with an 'as poured' density of around 1300kg/m3. The water content may be adjusted as the application requires, but this will affect the concretes final compressive strength and the drying times accordingly. Typically FurseCEM concretes are touch dry within hours but can be several days before being fully cured.

#### Standards: BS EN 50164-7

Code	Description	Weight each (Kg)
MARC01	Marconite	25.0
MARC02 Marconite (Cement Premix)		25.0



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