

COR MAP APPARATUS FOR REBAR CORROSION LOCATION

Corrosion, which is an electrochemical process, occurs in concrete when oxygen and moisture are present. The measurements made with the Cor Map apparatus, using the half cell method, can be plotted on a grid and lines of equipotential contours drawn, highlighting areas of possible corrosion activity.



STANDARDS

- ASTM C876
- BS 1881:201
- UNI 9535

FEATURES

A simple economical method for identifying areas of probable rebar corrosion in (for example)

- Bridge decks Parking garages
- Concrete piers and docks Substructure
- Tunnel lining Foundations

ACCESSORIES

58-E0065/A1

Reference electrode with 125 ml wetting agent

ORDERING CODE

58-E0065/A

COR MAP - Half cell system for locating areas of rebar corrosion within concrete structures. Compliant with ASTM C876

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SPECIFICATION

The apparatus includes:

High impedance voltmeter

Electrode extension

Reference electrode including copper sulphate reservoir Container of copper sulphate (capacity 250 ml)

Wetting agent reservoir (capacity 125 ml) Dispensing sponge

Cable reel with 80 m cable Carrying case

Case dimensions approx.: 50x420x190 mm (reel packaged separately) Weight approx.: (case + reel) 7.5 kg

