



Wet Roof Pro'

locate roof leaks in wet weather conditions

BUCKLEYS

MANUFACTURERS OF SPECIALIST TEST EQUIPMENT



The Wet Roof Pro'

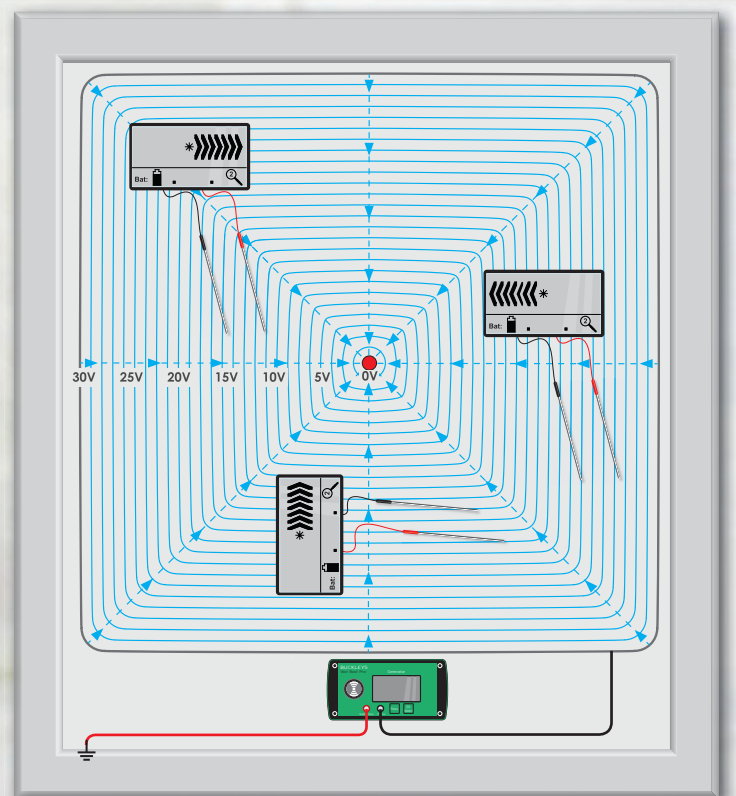
The Wet Roof Pro' has been designed to locate leaks on flat roofing systems which incorporate dielectric membrane overlays such as single-ply, asphalt, bitumen and liquid applied roofs.

The Wet Roof Pro' uses the conductive properties of water (from either rainfall or a hose) to pinpoint leaks.

The kit comprises two main elements; a generator unit and a detector unit. The generator unit creates an electrical field across the roof surface via a 'boundary wire' which is positioned around the perimeter of the test area and connected to the positive terminal on the generator unit. The negative terminal is connected to a suitable earth on the building's structure.

Leaks in the roof membrane allow water to penetrate to the building's structure; creating a short circuit. The detector unit is connected to two hand-held test probes which are held in contact with the roof surface.

By measuring the voltage differential between the test probes, the detector unit is able to direct the operator to the location of the leak.



Typical roof types

Concrete roof deck

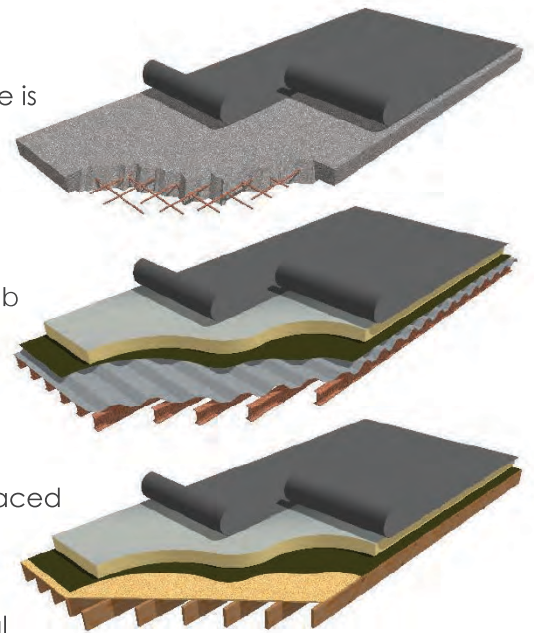
Concrete retains a surprisingly high water content. Even when concrete is 'dry', this ambient water content is enough to conduct current and test for leaks with the Wet Roof Pro'.

Steel roof deck

The steel structure below the roof membrane – as well as foil-faced slab insulation – conducts electrical current to earth; providing an ideal substrate to wet-test for leaks.

Timber roof deck

Whilst the timber structure of the roof itself is non-conductive; the foil-faced insulation and any water which has 'tracked' to earth through leaks within the roof structure will provide enough conductivity to test with the Wet Roof Pro'. Many timber-deck roofs of this type have additional earth bonding to the insulation to aid this method of leak detection.



What's in the kit?

The Wet Roof Pro' kit contains everything you need to wet test flat roofs for leaks. Even batteries and a charger. The full kit contains the following items:

- Generator unit
- Detector unit
- 10m earth lead
- 10m boundary connection lead
- 2 x multi-section test probes
- 200m stainless steel boundary wire on a reel
- Red and black test probe connecting leads
- Batteries and battery charger included
- Black carrying bag for generator unit
- Adjustable neck strap for detector unit
- Comprehensive instruction manual
- Complete in robust carry case

Features

- Easy to set up and use
- Lightweight
- Microprocessor controlled
- Selectable audible alarm
- Clear backlit LCD displays
- Ergonomic detector case with neck strap
- Compact carry case and test probe container
- One year 'back-to-base' warranty
- Fully CE compliant



Specifications

- Dimensions: 17cm x 8cm x 23.5cm (generator)
19cm x 3.7cm x 14cm (detector)
56cm x 43cm x 27.5cm (transit case)
56.5cm x 43.5cm x 27cm (packed kit)
- Weight: 2.1Kg (generator unit incl. batteries)
0.58Kg (detector incl. batteries)
17.5Kg (complete kit)
- Output pulse voltage: 32V DC
- Output power: <10 watts
- Max. relative humidity: 80% non-condensing
- Altitude: Up to 2000m
- Temperature range: +4°C to +40 °C
- Mains charging voltage: 100 to 240V AC 50/60 Hz

Accessories



WRP13
Wet Roof Pro'
Carrying Bag
6003-0025



WRP04
Red Detector
to Probe Lead
6003-0016



A101
Battery Charger
6005-0001



WRP07
Red 10m
'Ring' Lead
6005-0013



AW24
200m Stainless
Steel Wire
6005-0016



WRP12
Test Probe
Tip
6003-0023



AW31
Seam Probe
Tool
6005-0021



WRP17
Rechargeable
Ansmann AA-Cell
6003-0029



WRP14
Wet Roof Pro
Detector Bag
6003-0026



WRP06
Black 10m
Earth Lead
6003-0018



WRP05
Black Detector
to Probe Lead
6003-0017



WRP10
Test Probe
Centre Section
6003-0022



WRP09
Red Test Probe
(3 Sections)
6003-0021



WRP08
Black Test Probe
(3 Sections)
6003-0020



WRP15
Test Probe
Carry Case
6003-0022



WRP11
Test Probe
Lower Section
6003-0024



WRP16
Wet Roof Pro'
Transit Case
6003-0028



AW35
WRP Detector
Kit
6003-0014



AW35
12 x Yellow
Wax Crayons
6005-0050



A102
Rechargeable
Ansmann D-Cell
6005-0002

Also available

We also manufacture a range of roof leak detectors for use in dry conditions, such as our PD40R Roof Leak Detector Kit. The kits contain everything required to test flat roofs for leaks in dry weather conditions; giving you the ability to test for leaks all year round, rain or shine.

The PD40R can test a wide range of non-conductive membrane thicknesses from 64µ to 25.6mm. The kit contains all the equipment needed to perform roof leak tests and includes a 50m earth extension lead and a 450mm (18") phosphor bronze electrode, suitable for most applications.

Contact us for more information on Buckleys' range of roof leak detection equipment, call our sales team on +44 (0)1303 278888, email sales@buckleys.co.uk or visit our website: www.buckleys.co.uk



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