Conductivity
Damp test meter
Pin type – Protimeter Mini & ATP DT-123

Property Repair Systems
01626 331351

Introduction

The PRS Damp Test Meter is a battery powered conductivity meter that can be used to assess dampness in building materials, timber or masonry.

The meter measures the electrical conductivity across two sharp pins, which can be pushed to varying degrees into wood, plaster and insulation, or used for surface readings on concrete and screeds.

Special features

- Twin scales
- Pocket sized
- Auto shut off
- Accurate fast reading
- Professional quality

DESCRIPTION

The Damp Test Meter is a lightweight hand held device with a large LCD display reading on two scales: timber from 6% to 44% and masonry from 0.2% to 2.0%. It has a protective end cap, which covers the measurement pins and automatically switches off the display when it is re-fitted.

TECHNICAL DATA

Size
130mm x 40mm x 33mm
Electrode (pin) length
8mm
Battery (included)
3 x Cr 2032
Weight
99 grams
Auto power off
After 15 minutes non use
Scales
Timber – 6% to 44%, Masonry – 0.2% to 2.0%

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USES

For site measurement of the conductivity of building materials in order to assess their approximate moisture content. It is not a substitute for accurate laboratory testing. It is best used as a basis for comparison between affected and unaffected areas – always check the ‘normal’ or ambient reading for a building before suggesting expensive building repairs based on meter readings alone.

METHOD

Remove the end cap and check that the meter is working by lightly pressing the pins onto your hand, or for an accurate test use the ‘T’ contacts on the outside of the cap. If the readings do not appear, new batteries are probably required. Test by pressing the pins onto the ‘B’ contacts on the outside of the cap. Press the pins onto the timber, plaster or concrete to be measured and note the reading on the appropriate scale – timber on the left hand scale, masonry on the right hand scale. Readings over 15% in indoor timber are suspicious, over 20% indicate danger of decay. In masonry, readings of 1.5% are suspicious, 2% + require action.