



TECHNICAL SPECIFICATIONS

Input Voltage:
24V DC

Current:
0.625 A

Power Consumption:
5 W

Operating Frequency:
1.0 – 2.0 kHz (range)
1.5 kHz (typical)

Electrical Class:
Class III (SELV)

Dimensions:
280 x 200 x 50 mm (approx.)

Weight:
1.1 kg – 2.1 kg (approx.)

PRODUCT RANGE

Model	Coverage Area
I.P.E® Pro+300	300 m ²
I.P.E® Pro+1250	1250 m ²
I.P.E® Pro+2500	2500 m ²

COMPLIANCE

RED Directive 2014/53/EU
EMC Directive 2014/30/EU
RoHS Directive 2011/65/EU
IEC 62368-1 Electrical Safety

INTERPRETATION RESULTS

- 0 TO 9: Dry Wall
- 10 to 45: Damp Wall
- >45: Very Damp Wall

I.P.E® Pro+ System

TECHNICAL DATA SHEET

PRODUCT DESCRIPTION

The I.P.E® Pro+ is an electromagnetic polarity inversion system designed to assist in reducing moisture migration associated with rising damp in masonry structures. The system operates within a low-frequency range to enable effective signal transmission through masonry materials, with a nominal operating frequency of 1.5 kHz under standard conditions.

INTENDED USE

Supplementary moisture mitigation system for masonry structures affected by rising damp. The system is intended to be used as part of a broader moisture management strategy.

INSTALLATION REQUIREMENTS

1. Wall-mounted installation (preferably load-bearing wall).
2. Mounting height: 350–650mm above floor level.
3. Device must be installed internally only (internal application).
4. Continuous operation required.
5. Avoid installation near metal elements, electrical boards, and pipework.
6. Surge protection (spike guard) is recommended.
7. Must be installed by a Rising Damp™ accredited installer only.

PERFORMANCE DATA

Independent inspection measurements indicate reduction in moisture content over time, including:

- 7.41% → 1.20%
- 9.28% → 3.00%
- 2.62% → 1.40%
- 2.25% → 1.70%

A typical drying response may be observed within approximately 6 months, with complete dryness achieved within 12–15 months, subject to environmental conditions and initial saturation levels.

LIMITATIONS & AUSTRALIAN POSITIONING

The I.P.E® Pro+ system is a supplementary moisture mitigation system and does not replace a compliant damp-proof course (DPC), waterproofing systems, or remediation works required under the National Construction Code (NCC). Performance is dependent on construction type, moisture source, and environmental conditions. Results may vary between different site conditions.

WARRANTY

Device: 30-year manufacturer warranty
Power Supply: 2-year warranty