



Detect moisture to protect buildings & budgets

For those who don’t take risks with their projects – or their reputation.



Sensor	Wood sensor Gen 2
Ingress protection (IP) rating	IP 54
Dimensions	H: 2.8 cm, Ø 10 cm
Sensor Accuracy	• Wood moisture content: +/- 1% (accurate within 7–27% range) * • Relative humidity: ±2% RH (accurate within 10–90% range). • Temperature: +/-1°C (accurate within -20°C to 60°C) • Measurements extend beyond this range but with reduced accuracy.
Connectivity	• Wireless connectivity via LoRaWAN.LoRa protocol is widely supported and offers expanding coverage. • Long-range communication with extremely low power consumption. • Gateways cover a radius of up to 500 metres.
Mechanical enclosure	• Extension probes facilitate measurement in hard-to-reach areas and are capable of measuring wood moisture content, temperature, and humidity. • Screws serve both as fasteners and measurement probes. • Battery capacity: 4.8 Ah. Up to 25 years.**
Application features	• Measures wood moisture content (WMC), temperature, and relative humidity, with accurate calibration for Douglas fir, Pine, Spruce, and other construction woods. • Offers customisable depth measurement (compatible with up to 8 mm screws). • Data is presented live on an online platform with automatic alerts. • Generates detailed reports including measurements, blueprints, and sensor placement images, and supports API integration for seamless connectivity.

*Accuracy of WMC is dependent on probe, temperature, wood type and actual WMC. Written accuracy is in normal operating conditions.
** Sensor hardware is designed for up to 25 years of use. An active subscription is required to access monitoring features throughout the product’s lifespan. Read more in [T&C](#).