

**Complete systems
ready for permanent
installation**

**Detect problems
before a major repair
or air quality issue
arises**

**Satisfy clients'
curiosity about
moisture in the walls
of their straw bale
home**

**Systems for new or
existing structures**

GreenWeaver Inc.

GreenWeaver Inc. offers a variety of services including design consulting, presentations and workshops with over 15 years experience in straw bale construction and natural building technologies. Please see our website for complete services of GreenWeaver Inc. and upcoming events.



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STRAWSENSE

MOISTURE SENSOR SYSTEMS

***Permanent
Systems
for
Straw Bale
Buildings***

by



***The affordable
option for
monitoring
moisture***

STRAWSENSE moisture sensors are designed as an effective and affordable means to monitor the interior condition of straw bale walls for the life of the building. These systems, first developed in 1998, have now been used in residential, commercial, institutional and industrial straw bale structures nationally.

Using measurements displayed on the moisture meter included, the StrawSense moisture sensors provide a convenient method for monitoring and early detection of any moisture problems that could develop inside your wall. Repairs are also easily monitored.

STRAWSENSE moisture sensors are based on technology used by the Canadian Mortgage and Housing Corporation in moisture studies on straw bale homes. The three stage sensors allow for readings at the exterior, middle and interior of the wall. Sensors are permanently placed in locations that are typically more likely to experience moisture issues. Readings are taken at individual sensor locations or at centralized monitoring panels using a hand held moisture meter.

STRAWSENSE systems are easily installed in new construction or existing straw bale structures. Simple installation instructions are included in a notebook which has information and resources on moisture in buildings, monitoring for moisture, recommendations for moisture levels in straw bale walls, and project log pages.



Enclosed Central Panel Kit

Kits and Custom Systems

GreenWeaver Inc. offers three kinds of monitoring kits as well as custom designed systems. Choose either to monitor at each individual sensor location or at a central panel. Systems are often custom designed for large structures or projects with unique moisture monitoring needs. We work with architects, general contractors and/or owner builders to assess the project needs and design a custom system for your project. Design assistance is provided by GreenWeaver Inc. to assess monitoring needs, indicate specific sensor locations, and locate and design custom central panels.

Pricing

Kits

Individual Sensor Monitoring Kit \$525.00

Perfect for installing in existing structures or as cost effective system for new construction.

StrawSense Moisture Sensor Kit*

Six Monitoring Plates

Truth Window Central Panel Kit \$770.00

Central panel allows view to straw wall for educational settings or as cost effective central panel system.

StrawSense Moisture Sensor Kit*

Truth Window Style Central Panel

250' Cable for Sensor to Panel Connections

Enclosed Central Panel Kit \$825.00

Most common kit for new construction with 16 gauge enclosure and white plexiglass panel.

StrawSense Moisture Sensor Kit*

12" x 12" x 4" NEMA Style Central Panel

250' Cable for Sensor to Panel Connections

***Kits include:** Six 16" long three chamber sensors, wire connectors, contacts, moisture meter, and complete notebook and log.

Additional Sensors \$50.00

Additional Monitoring Plates \$10.00

Central panel systems may require additional wire for sensor to panel connections in larger structures.

Prices do not include shipping.

Custom Systems

Contact GreenWeaver Inc. to discuss custom system design and pricing for your project.