PRINTED HUMIDITY SENSOR

EPI PHS® Printed Humidity Sensor

FUNCTIONS

- **Takes continuous measurements** (trend assessment)
- **Determines the precise moisture value** taking into account naturally occurring moisture
- **Provides flexibility** and can be adjusted to measurement requirements (individual development)
- **Is environmentally sustainable** as it is printed on paper specially designed for the purpose

ADVANTAGES

- **Cost-effective monitoring** of large and small areas by means of humidity sensors
- **Simple to install** (depending on roof structure/ type of roof waterproofing)
- **Timely alert** in the event of excessive moisture values or water seepage
- Data on **PC, tablet computer or smartphone**
- **No additional evaluating instruments**

AREAS OF APPLICATION

- Roofs, walls and floors
- Packaging
- Agricultural use
- And many more

AREAS OF APPLICATION FOR FLAT ROOFS

Building surveyors estimate that every flat roof evinces **damage or multiple damage.**

This means an area of 3,000,000 m² of flat roofing manufactured in Austria annually has considerable potential.

In addition, the Austrian standard ÖNORM B 3691:2012 recommends a detection system for water seepage (the sensor displays the necessary characteristics).

SENSOR

- Durable
- Robust
- Specially designed paper
- Cost-effective
- Continuous reels
- Flexibly designed/ non-formatted

COMMUNICATION

- The sensors are connected to the evaluation unit
- Air humidity is determined and transmitted to the server
- Data transfer via WLAN/LAN

INFORMATION/ MONITORING

- Displayed on your APP/web site
- As required, measuring points or entire annual variations
- Individual analytical tools
- Big data
- Added value by means of data analysis

communication | building | industries | healthcare

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