fidbox®
ELECTRONIC MONITORING SYSTEM

F U N C T I O N S

With fidbox ELECTRONIC MONITORING SYSTEM know and protect your floor

- Measurement of wood humidity, substrate umidity and temperature of the floor construction
- Determination of the relative humidity in the room by means of wood humidity measurement
- Storage of the measuring data
- Non-destructive read-out of data by radio transmission
- Wood, stone or ceramic floors
- Regular documentation for continuous curves
- Increased measuring frequency by deviations
- Storage of additional information (Materials, techniques, performing trades)
- Dimensions: approx. 45 mm wide, 150 mm long and 6 mm thin
- simple to the cut in

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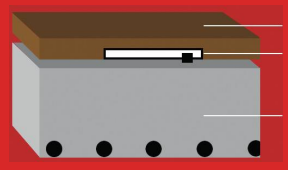
INSTALLATION & CONTACT



Wood floor element
fidbox with built-in Moisture sensor
Composition floor with or without underfloor heating

Dimensions: approx. 45 mm wide, 150 mm long and 6 mm thin – simple to cut-in

fidbox
ELECTRONIC MONITORING SYSTEM
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[*floor **id**entification **b**ox]

INCREASING DEMANDS ON THE INDUSTRY

- Construction recommendations are obligatory
- Liability risks increase
- Perfect Installation instructions will be demanded
- Exact, detailed and 100% correct technical leaflets
- regarded as standard
- Shorter product development cycles
- Shorter construction times
- Work sequences will be faster
- Problem substrates will be more frequent
- Demands on quality assurance increasing

LIABILITY PROBLEMS

Product development, quality assurance and the writing of technical leaflets are done based on standardized tests under harmonized conditions. If a complaint occurs or faults appear actual data required for evaluation of the actual environmental conditions on the construction site during initial floor installation is missing without fidbox.

It remains unclear, whether:

- if the screed was ready for installation
- residual moisture occurring from the concrete slab or from filled flooring insulation material.
- the construction body temperature or the air humidity were too high
- too high surface temperatures occurred by flooring on underfloor heating

The compliance with construction recommendations could be hardly controlled up to now, liability questions were "clarified" without sufficient basic data.

. . . AND SOLUTIONS

- With the fidbox temperature and moisture relationships are registered from installation. The accumulated measurement data series can be extracted non-destructively by radio transmission at any time.
- With the fidbox the climatic conditions during the entire transport of the floor covering is documented.
- You have the opportunity by handover of material to have a proof of delivery of flawless material and thereby limiting the question of liability.
- With the fidbox your error-cause analysis by complaints or shortcomings is supported by concrete climate data.
- With the fidbox you have on site, additionally all information on materials, techniques and about executing trades (demands of floor passport).
- With the fidbox you support your scenario calculations for the proper handling of the materials. For your Product development and quality assurance individual measurement criteria is available.