



# 93255 - DIGITAL MOISTURE INDICATOR

## **INSTRUCTIONS FOR USE**

- 1 Remove CAISSON indicator from the case.
- 2 Open the battery holder and insert the battery (9 Volt). Close the holder.
- 3 Push the slide switch on the left-hand side of the device forwards in order to switch on the indicator. In the open air the indicator will indicate a value of around 0. When the display indicates "BAT LOW", the battery should be replaced.
- 4 Place the bottom of the indicator on a level part of the material to be investigated. For wood the measurement should be made in the grain direction, as a measurement made more or less transverse on the grain direction gives a lower indicator. The measurement direction is formed by the brand name CAISSON. (Coinciding with the grain direction.)

## **INDICATIONS**

In general the read-out should be interpreted as follows:

### CONCRETE/ESTRICH

- 0 - 5 = DRY  
6 - 9 = MOIST: normal degree of moisture.  
10 and higher = WET: too moist for further treatment. We recommend that you should wait for the normal moisture level of 6-9.

The CAISSON indicator gives an indication of the moisture present in concrete or Estrich up to about 3 cm deep.

### WOOD/GLASS-FIBRE REINFORCED POLYESTER

- 0 - 12% = DRY: a finishing coat can be applied.  
12 - 20% = AIR DRY: a finishing coat can only be applied with painting systems that tolerate a base moisture content up to about 20%.  
20 - 30% = WIND DRY. treatment can only take place with good moisture-permeable media. When applying a number of coats, we recommend that you should wait for a drying time or a decrease in the result of the device up to 4%.  
30% and higher = WET: treatment is in principle only possible with a painting system that is suitable for wet wood.

The CAISSON indicator gives an indication of the moisture present in any species of coniferous or deciduous tree up to about 3 cm deep.

## **SWITCHING-OFF**

Push the slide switch backwards. The display extinguishes.

## **GENERAL**

The indicator reacts to metal in the same way as it does to moisture. If in the material to be investigated there is, for example, a nail, reinforcement or other metal object within the radiation range, the indicator gives a too-high result. The same applies to Estrich-sand with metal components. A correct indication is therefore impossible.

When the CAISSON indicator is not used for a prolonged period of time, we recommend that you should remove the battery.

The CAISSON indicator is not a MEASURING INSTRUMENT and cannot and may not be used as such! We do not accept any responsibility for damage that may result from wrong or improper use, or from interpreting the indicator as a measuring instrument.

Protect the indicator from bright sunlight, heat, water, snow or ice