

# Product Information

## **SCREEDRY –Indicator**

### **Product Description**

The SCREEDRY-indicators are intended to be embedded in screed in conjunction with casting (pumping). The indicators contain a reversible humidity sensor which is visible through the indicator window. A striping pattern, initially visible, becomes invisible when the drying process has reached a level corresponding to 85% RH (relative humidity). The indicators contain no electrical components but are based on physical/chemical mechanisms. The product is developed by Alfasensor AB.

### **Field of Application**

The SCREEDRY system is intended for screed products of normal drying type (i. e. not self drying). SCREEDRY-indicators can be used in all applications when a certain dryness level is required before applying moisture sensitive coverings. The indicator is adapted for a screed layer thickness in the range of 25-50mm. In applications where an alternative moisture content measuring technique is required, the SCREEDRY-system can still be used to determine the proper time to conduct such measurements.

### **User Description**

A detailed user description comes with the product. The handling can briefly be described by the steps below.

1. Choose a suitable measuring place, generally where the drying is believed to require most time.
2. Take out the indicator from its container and determine the screed layer thickness using the thickness scale at the container.
3. Adjust the measuring depth by screwing the top part while holding the foot plate.
4. Push the indicator through the fresh screed to the substrate.
5. A striping pattern becomes visible soon after the indicator has been embedded. The pattern disappears when the drying reaches a level corresponding to 85% RH.

As an alternative, the SCREEDRY-indicator can be attached on the substrate before pumping using adhesive tape. However, this method requires the final thickness to be known.

### **Installation frequency**

Recommended installation frequency is at least one indicator per 200 m<sup>2</sup>, and at least one indicator per apartment whenever applicable.

**Please note!**

Installation time

The SCREEDRY-indicators should be installed as soon as possible before the screed begins to harden. Installation can take place as soon as the final thickness has been reached at the intended measuring place.

Information transfer

The building site manager should be consulted before installation to get information regarding suitable and unsuitable measuring places with respect to planned activities in the rooms where the indicators are to be installed. It is recommended that written information is forward to the building site manager regarding the placement of the indicators.

Handling

Please, handle with care. Do not remove the top casing as the reversible RH-sensor can then be damaged.

**Storage**

Shelf life is 3 months

Store in a dry place at room temperature

**Package**

The product is provided in a box containing 10 SCREEDRY-indicator and a user instruction sheet.