

# Guide to choose suitable measuring places for SCREEDRY-indicators

## Installation Frequency

The suitable number of SCREEDRY-indicators per floor area may vary from case to case. For large open floor spaces (for example industrial floors) a larger distance between the measuring places can be accepted compared with a case when the floor is divided in separate floor areas (for example when building apartments). As a rule of thumb, the installation frequency should not be less than one indicator/200m<sup>2</sup>.

## Choice of Measuring Place

When the required number of SCREEDRY-indicators has been determined its time to choose suitable measuring places. The goal should be to place the indicators where the drying is believed to take the longest time. The most important parameter when it comes to drying time is the screed layer thickness; however, the drying climate (relative humidity and temperature) has a large influence. Hence, measuring places should be chosen where the screed layer is thick and where the drying climate is considered poor (for example close to an outer wall, particularly close to a window, during winter).

The measuring places should be chosen before the application of screed (pumping) since at that time it's easier to determine the variation of screed layer thickness.

It is obviously also important to choose measuring places so that the indicators doesn't interfere with the planned activities in the room or get damaged during the drying period.

Some advices:

- If a measuring place under a window is considered, then first find out if any window installation is planned, possibly using a machine or vehicle, which could damage the indicator.
- Find out if any interior wall is planned to be built during the drying period so that that floor area can be avoided.
- Find out if installation of any heat, water or sanitation is planned during the drying period. If possible avoid measuring places right underneath such installation places.
- Measuring places close to walls can generally be recommended.

## Installation before or after application/pumping of screed

The SCREEDRY-indicators can be installed either before or after application/pumping of screed (provided the screed hasn't hardened). Which method is advisable varies from application to application and is to some extent a matter of taste. However, in some situations one of the techniques has to be used:

### Application by casting two layers

In cases when casting two layers is considered necessary, and when the first layer is allowed to harden before the last layer is cast it is necessary to install the SCREEDRY-indicators before the application/pumping.

### The thickness of the screed layer unknown

In cases when the final thickness isn't initially known the installation has to be conducted after application/pumping.

### Other cases

In most other cases installation can be made either before or after application/pumping.

An advantage with installation after screed application/pumping is that the correct measuring depth is more likely to be obtained (since measuring the actual thickness is part of the installation). Another advantage is that the indicators don't constitute obstacles during pumping.

An advantage of installing the indicators before application/pumping is that it can be done in conjunction with installation of the "height-pegs". A drawback is that they may be dragged lose by the pumping hose during application/pumping.

## Information transfer to the building site manager

After installation of SCREEDRY-indicators the building site manager is informed about the number of indicators installed and their location.