

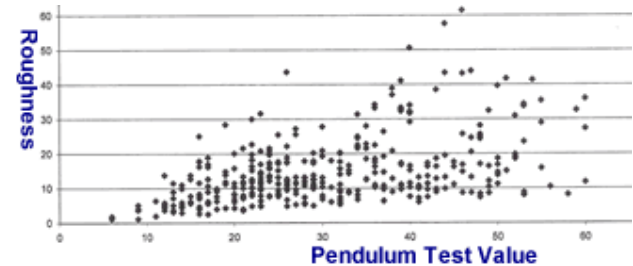
# ROUGHNESS AND SLIP RESISTANCE

## Rough luck... *roughness is no indication of slipperiness*



An extensive study of roughness and slip resistance using 300+ floor surfaces found poor correlation between the two. Slip resistance cannot be estimated with any reliability from roughness readings alone. This warning is reiterated in the UK Slip Resistance Group Guidelines. As you will see a roughness of 10 microns could equate to a Pendulum Test Value (PTV) of around 12 = extremely slippery, to a PTV of 60 = very safe, and all points in between.

## Roughness doesn't measure slip resistance



## Roughness won't measure contamination...

Most slips occur on wet floors and often on floors that have some other contaminant, oil or grease that has not been cleaned properly. Roughness measures will not be affected by contaminants. Roughness meters are small and portable but they are of little value in telling you the effectiveness of your cleaning regime.

*"SlipAlert is able to distinguish between a given floor surface in clean condition and in a contaminated condition. This is a key advantage of SlipAlert and makes it ideal for monitoring the effectiveness of cleaning"* **UK HSE**

## SlipAlert visual measure. See immediately how safe your floors are...



**Safe  
Floor**



**Medium  
Risk**



**Slippery  
Floor**

SlipAlert provides quick and visual assessment when one area of floor has not been cleaned properly. You'll easily appreciate the effects of dust, the effects of water. If you find an area of your floor has not been cleaned properly you'll see how much that affects the slip resistance and thus you'll be able to prevent future accidents.



# TRL PENDULUM & SLIPALERT...

## SlipAlert / Pendulum Correlation

SlipAlert is the only machine which has been specifically designed to correlate with the Pendulum, which has proven over many years experience to provide a reliable assessment of the slip resistance of flooring. The Pendulum has become the 'Gold Standard' of slip resistance testing in the UK.

### Right tool right job...

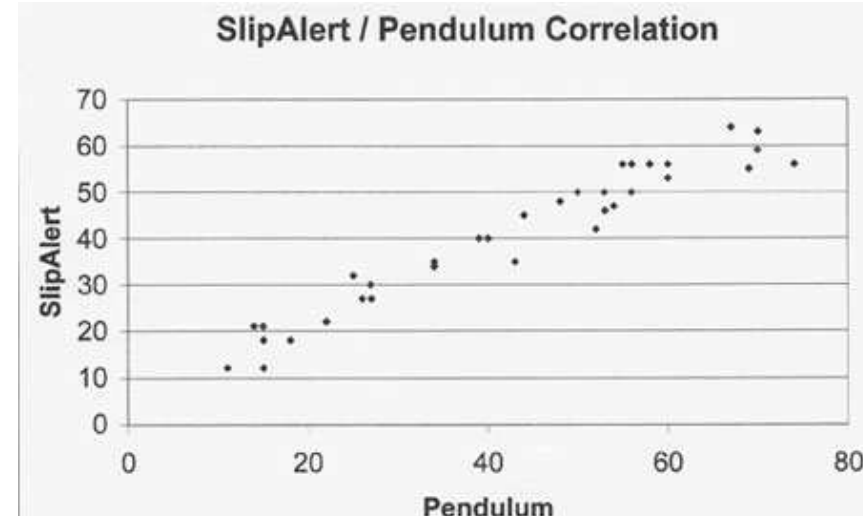
"SlipAlert ...a quick slipperiness test that actually works. In terms of operation, SlipAlert is very simple and user friendly."  
**HSE**

The Pendulum is a scientific instrument and the best tool for measuring slip resistance in lab conditions. It is the benchmark measure of slip resistance. SlipAlert is significantly easier to use than the Pendulum. For measuring slip resistance of floors, SlipAlert is far

quicker and easier. Inexperienced users will get reliable accurate results if they apply common sense and follow the simple user guide.

### SlipAlert: easy and reliably accurate

SlipAlert is designed to be easy for you to use. Unlike the Pendulum, a scientific instrument designed for use by experts, SlipAlert requires no training. You will always get the same answer as an expert (*whether using SlipAlert or the Pendulum*). Very useful for those cases where you may need reliable independent verification of test results.



### SlipAlert vs Pendulum Graph

We have measured many different floor surfaces wet and dry with both SlipAlert and the Pendulum. The straight line graph shows a very high correlation between the two. SlipAlert is the only machine we know of that correlates this well on all floor surfaces in both wet and dry conditions.