

# HSE Designer Guidance - Slips and Trips Avoidance Strategy

## The Problem/Challenge

Clients and designers like prestigious “shiny” entrance hall floors but many accidents happen as a result of slippery floors whether due to wetness or to these highly polished finishes, or a combination of issues.

## The Risks

Potentially severe injuries to all users especially in wet weather conditions.

## The Solution

Select suitably slip resistant materials and finishes to give a compromise of visual finish with slip performance requirements. Management solutions such as mopping and warning signage can further minimise the risk. Provide suitable mat-wells.

## The Benefits

Impressive entrance halls and other areas can still be designed but are safer to use.

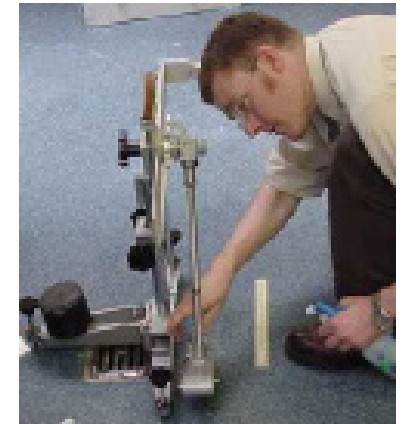
## Key Points

Drawings can be annotated early in the design stage until a suitable finish is found.

Slip resistance values of materials to be checked or tested prior to specification.  
See HSE Slip assessment tool at [sat@hsl.gov.uk](mailto:sat@hsl.gov.uk)



Entrance, mat-well, flooring



The pendulum test – with water spray



Management response



Surface roughness meter