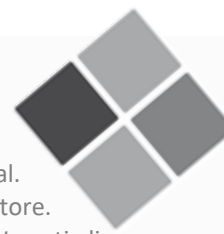




Tel: 021 558 8847 | Cell: 071 355 3497 or
082 454 0390
Email: craig@tiledoctorsa.co.za |
allen@tiledoctorsa.co.za
www.tiledoctorsa.co.za

We clean. We seal.
We strip and restore.
We re-polish. We anti-slip.



TESTING THE ANTI-SLIP COEFFICIENT OF A SURFACE

Coefficient of friction (COF) is a mathematical term used to describe the effect of dragging one substance (possibly a shoe sole) over another surface (a flooring surface). The DCOF, Dynamic Coefficient of Friction is another name used.

This coefficient is therefore a measurement of the relative ability of various surfaces to resist the sliding or slipping of a selected material.

Many factors are involved to make a tile surface safe, and the following should be taken into consideration during planning and during installation:

- Choice of tile
- Analysis of the environment and the conditions of use
- Checking for irregularities
- Slopes and Ramps
- Configuration of non-traffic areas, adjoining floors of different friction co-efficient
- Correct installation of the tiles
- Follow a recommended maintenance and cleaning regime after installation

The United States of America follows the ANSI - The American National Standards Institutes method, which through the use of a force gauge (horizontal dynamometer) pull method, the static friction coefficient of a surface is measured - ANSI A131.1 2012. Germany uses the Standard DIN 51097:1992 method which is very similar.

Readings when taken from a Digital Dynamometer

Equal to or greater than 0.60	-	EXCELLENT FRICTION
Equal to or greater than 0.50	-	ACCEPTABLE - but be cautious
Equal to 0.40 more than 0.30	-	CAUTION NECESSARY
Less than 0.30	-	DANGEROUS

It is generally recommended that the static COF be at least 0.40 for all walkway surfaces under both dry and wet conditions. Any surface will however be much safer if the static COF **exceeds 0.5** in wet conditions, and for a ramp 0.80.

ANTI-SLIP TREATMENT OF TILES

Our unique AST95 chemical anti-slip application permanently changes the surface molecular structure of a tile and makes it anti-slip in wet conditions.

AST95 has been extensively tested by the South African Bureau of Standards and they have the necessary test results available to prove how effective this unique application is.

AST95 is a patented chemical anti-slip application in South Africa and the United States of America.

AST95 can only be applied by approved trained

CONTACT DETAILS:

Craig Bestbier	071 355 3497
Allen Bestbier	082 454 0390