

Specification Sheet No

TDS12

Description

SCREED
STANDARDS

Date

APRIL
2021

TECHNICAL DATA SHEET

South African Standard Code of Practice SANS 10155:2009 "Accuracy in Buildings".

If architects are wanting to achieve a more level screed, this can quite easily be used in specifying the level of the finished surface/screeds for floors.

As you will see from the attached image, 'Permissible Deviations in Floors and Ceilings'.

Under floors PD, which is Permissible Deviation, at any point under a 3m straight-edge placed level in any direction for a Class 1 screed, allows for a maximum deviation of 3mm. In other words, 3mm under a 3m straight edge in any one direction.

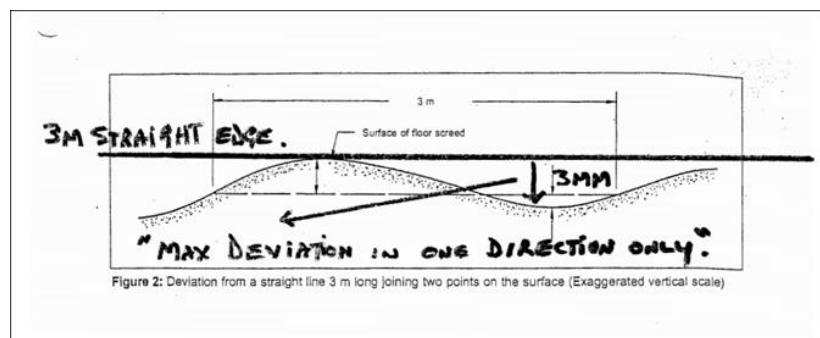
As you can see from the modified diagram attached to this, we are talking about placing a 3m straight edge on the floor in any direction and from the high points allowing a maximum deviation of 3mm only, in one direction.

A suggested wording to go into a Bill of Quantity could read as follows:

"Quality products should be fitted to adequately prepared subfloors, which comply to SANS 10155: 2009 Code of Practise, wherein it states that the PD (Permissible Deviation) at any point under a 3m straight edge placed level in any direction is no greater than a maximum of 3mm (thus maximizing product life and ease of maintenance)."

Note:

It is interesting to note that in SABS 070: 1991 Code of Practise for installation of flexible floor sheeting also details the correct procedure and details the correct Permissible Deviations for screed levelness.



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