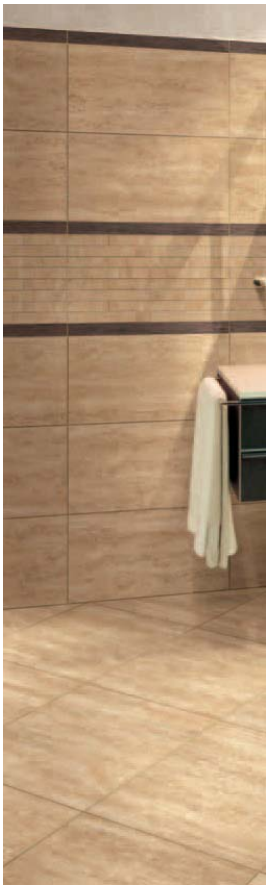
SLIP RESISTANT CERAMICS – Versatile Performance

Slips, trips & falls are the leading cause of injury in Australia. Correct flooring specification has an integral role in minimising this impact.

Travertine

Metz Travertine range offers a choice of 3 natural shades. The technology of this flat porcelain tile creates all the appeal of a travertine but with the benefit of a superior slip resistant surface.



- High Slip Resistance - ***Grip Finish***
- Achieves R11 Slip rating
- High BPN on accelerated wear
- Stain resistant full body porcelain
- Available in 450x450mm format
- Matching skirting and step tread
- Random look finish similar to natural travertine

Metz Travertine range is suited for use in:

- Entry foyers & lobbies
- Bathroom & amenities areas
- Dining and public food service areas
- Access areas, courtyards, terraces, concourses

Also available in a plain (R9) finish and a honed finish ideal for walls, facades and floor areas where slip resistance is not required.

Bianco

Classico

Noche

Colour reproduction from printing is indicative only – please contact Metz for product samples.
See over for more information on slip ratings.

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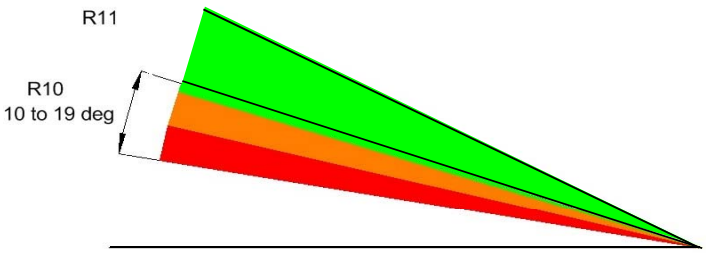
The 'R' slip rating refers to the ramp test procedure, which involves a panel of the tiles being placed on a ramp, which is then inclined to the point where a person standing on it "slips". The angle of the ramp is then recorded and given a category rating of R9 to R13 if the test is in shoes, or A, B or C if the test is in bare-feet. This test is only to provide a relative test result – it does not at all advise the slope of a surface on which the tile can be used.

The R10 slip resistance category can be problematic for specifiers. Many have noted a substantial difference in tiles all advertised as meeting the R10 requirement. This has lead to some scepticism about the accuracy of test results and the classification system. Much of this is because the R10 category includes such a large variance of test results.

In fact the R10 category is the broadest with test scores ranging from 10º - 19º. This means that one "R10" tile could virtually be almost twice as slippery as another "R10", therefore providing inadequate performance. Note also that a number of variables such as differences between batches, colours, size formats, actual testing, and the "initial drop" factor*, may result in the installation of a tile that is of a lower slip resistance than expected

Degree's of Risk?



Metz provides a range of tiles, which are manufactured to achieve an R11 rating, allowing specifiers to have greater confidence in the slip resistance performance for general areas where an R10 tile may be sufficient.

Why R10 when you can R11? The simple answer to this problem is to specify one category higher. Metz offers a selection of R11 tiles, so you can achieve the desired look with the required performance.

*Initial drop factor - refers to the inherent characteristic of virtually all ceramic tiles that the slip resistance test result is immediately lower (drops) following installation or even a mild scrubbing of the tile surface prior to testing. This can be measured using accelerated wear testing where the tiles receive a standard number of abrasive cycles to simulate the effects of wear and measure the decline in slip resistance.

The information provided in this sheet is offered as an assistance to specifiers to reinforce the importance of their becoming familiar with the slip resistance standards (AS/NZS 4586), and the Handbook HB:197 "An Introductory Guide to Slip Resistance of Pedestrian Surface Materials". Where "tiles" are generally referred to in the above information, the same requirements apply to other floor finishes.

The ultimate decision to use the Standards Australia Handbook as an assistance guide or definitive minimum requirement rests with each specifier and their clients. Given the trend of litigation for injury claims, the inclusion of slip resistance as major selection criteria is surely essential. Note that all tiles exhibit an initial drop in slip resistance when first placed into service. This should be considered when selecting the level of slip resistance for an application.

Further information can be provided by:
Standards Australia – www.standards.org.au
CSIRO Manufacturing & Infrastructure Technology – www.cmit.csiro.au

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