



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.

Arketipo

Technical Reliability

Metz Arketipo range is available in 4 distinctive colours suitable for indoor and outdoor use in Residential and Commercial applications.



Features:

Achieves an R11 slip rating

- Stain resistant low absorption body
- Simple to lay 13mm thick tiles
- Available in 160x160, 160x325, 325x325, 325x490mm formats
- Special pieces such as skirtings, angular pairs and step treads

Just look at the applications

- External terraces, courtyards and balconies
- Wall cladding
- Concourse areas
- Community facilities
- Foyer/ Lobby areas



Grigio



Beige



Verde



Dorato

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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• ACID PROOFING • SPECIALTY TILE SYSTEMS
• INDUSTRIAL FLOORING





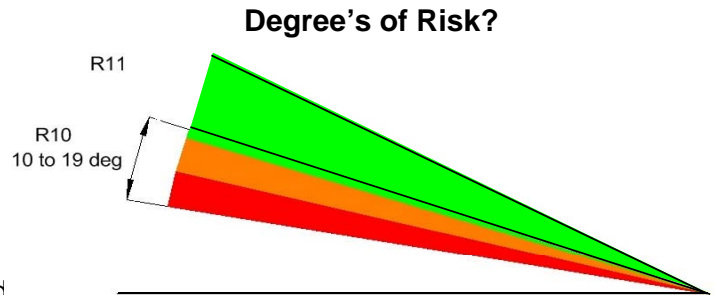
SLIP RESISTANT TILES – Versatile Performance

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

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 walking 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 led 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 10° - 19°. 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



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 theoretically sufficient.

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

Although the slip resistance standards (AS/NZS 4586), and the Handbook HB:197 "An Introductory Guide to Slip Resistance of Pedestrian Surface Materials" are referred to in this sheet, the decision to use these standards as a guide or definitive minimum requirement is a matter for each specifier and their clients. Further information can be provided by:-

Standards Australia – www.standards.org.au

CSIRO Manufacturing & Infrastructure Technology – www.cmit.csiro.au

As the information provided in this sheet is of a general nature only, a Metz representative must confirm any final tile selections based on individual requirements.

*Initial drop - refers to the inherent characteristic of virtually all ceramic tiles that the slip resistance test result is immediately lower (drops) following installation or even 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.

Slip resistance of almost all materials drops over time. Unless otherwise stated, slip resistance figures quoted in this sheet relate only to new materials. The rate at which slip resistance drops for tiles can also vary greatly depending on environmental and other factors at the installation site. The information set out in this sheet is limited to results which are achieved in general testing only.

Notwithstanding anything else contained in this sheet, to the fullest extent permitted by law, Metz's liability is limited to replacing the product or supplying equivalent product or paying the cost of replacing the product, at its discretion.



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