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For Every Step

SLIP REPORT INFORMATION

Classic Tredfx

CH40

Ceramic TGSi Warning Tactile Tile Format

For your information regarding Slip Resistance Requirement for stairs and landings and ramps, the requirement for slip resistance of stairs and landings can be found in both Australian Standard AS4586, and HB 198:2014 'Guide to the specification and testing of slip resistance of pedestrian surfaces' Table 3A as follows:

"Stair treads and Stairway landings, and Ramps in buildings covered by NCC Volumes One and Two"

...Dry Stair tread, a stair non-skid nosing strip and a stairway landing; Ramps not steeper than 1:14 gradient (when dry) -
The suggested minimum Wet Pendulum result is **Class P3**

...Wet Stair tread, a stair non-skid nosing strip and a stairway landing; Ramps not steeper than 1:14 gradient (when wet) -
The suggested minimum Wet Pendulum result is **Class P4**

For further information, please also find a link to our 'White Paper' containing some explanatory information pertaining to Slip Resistance, and covering off the details for the requirements of the [NCC 2019 Building Code of Australia and AS 4586.2013 – Slip Resistance classification of new pedestrian surface materials.](#)

For the **Classic Tredfx CH40** product, unfortunately the manufacturer has not supplied any proper slip test certification.

Form their data sheet the slip test properties are:

- Reported Wet pendulum test: W
- Reported Oil Wet Ramp Test: R12
- ...a W falls within an SRV / BPN range of 45-54 (refer the White Paper)... or basically a **P4**.

An excerpt of the manufacturer's data is on the following page.

Please also feel free to download a copy of any of our [Product Data Sheets](#) from the website.

Please note Classic Architectural Group are not licensed Building Surveyors or DDA Consultants, nor do we in any way purport to be. We strongly recommend that you have this product and NCC requirements verified by an accredited party that it is fit for its intended application before installation, including its longevity.



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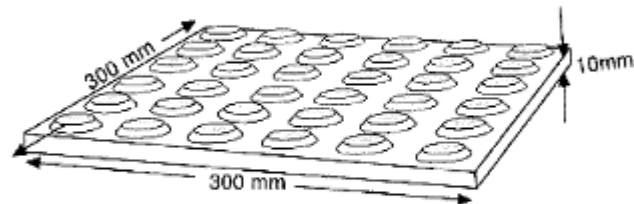
Ceremic TGSi

Technical Information Sheet

Ceramic Range

Ceramic range is the most economical TGSi product currently available in the market.

It comes in four colours to meet the AS/NZS 1428.4 Standard's requirement for Luminance Contrast, against most substrates.



<p>Testings (Performed by CSIRO)</p> <p>AS/NZS 4586 Appendix A <i>Wet Pendulum 4S</i> W</p> <p>AS/NZS 4586 Appendix D <i>Oil Wet Ramp Test</i> R12</p> <p>AS/NZS 1428.4 <i>Wet & Dry Luminance Reflectance</i> Dry 44.09 / Wet 42.30</p> <p>Mean Contrast Range 29.6 - 57.3</p> <p>AS 4459.4 <i>Breaking Load</i> 2242 N</p> <p><i>Breaking Strength</i> 2092 N</p> <p><i>Modulus of Rupture</i> 31.39 N/mm²</p> <p>ISO 10545-3 <i>Water Absorption</i> 0.19%</p>	<p>Colour Selection</p> <p>Ivory Black Grey Yellow</p> <p>Refer to colour system at</p>	<p>Dimensions:</p> <p><i>Top of Dome</i> 25mm <i>Base of Dome</i> 35mm <i>Height of Dome</i> 5mm</p> <p>Tile Dimensions: 300 x 300 mm</p> <p>Tile Thickness 10mm</p> <p><i>Manufactured to AS/NZS 1428.4.1:2009</i></p>
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Lay Ceramic Tactile as you would normal tile units.
Tile thickness is 10mm and it is best to leave 13-15mm rebate in freshly laid concrete to accommodate glue and cement. Also, leave 2-3mm gap for grouting around the tiles.