



Aluminum Discrete TGSI

Technical Information Sheet

Eigen T13 Series

Eigen's T13 series TGSI (Tactile Ground Service Indicator) are made from Aluminum alloys Al6061 with a layer of Hard Anodic Oxidized surface. Anodizing toughens resistance against corrosion and wear, and provides better adhesion for paint primers and glues than bare metal.



CR10

O29 - CR10

Concentric rings on top surface with a smooth rim.
Hard anodic Oxidized Aluminum alloys



CR14

T13 - CR14

Concentric rings on both top surface and rim.
Hard anodic Oxidized Aluminum alloys

6061 is an aluminum alloy with magnesium and silicon as the alloying elements. It has good mechanical properties and is heat treatable and weldable. Although it may not achieve the high strengths that 2000, 5000 and 7000 series can reach, it is resolved by using the *Hard Anodic Oxidization treatment*.

T13 provides an alternative to the Stainless Steel at a price comparable to the Polyurethane.

<p>Testings (Performed by CSIRO)</p> <p>AS/NZS 4586 Appendix A Wet Pendulum 4S <i>Testing in Progress</i></p> <p>AS/NZS 4586 Appendix D Oil Wet Ramp Test <i>Testing in Progress</i></p> <p>AS/NZS 1428.4 Wet & Dry Luminance Reflectance <i>Testing in Progress</i></p>	<p>Suitable Substrates</p> <p>Natural Stone <i>(Granite, Marble Sandstone, Slate, Blue Stone & more)</i></p> <p>Engineered Stone <i>(Caesar Stone, Quantum Stone & more)</i></p> <p>Concrete Asphalt</p> <p>Timber Rubber Vinyl Flooring</p> <p>Ceramic <i>(Refer to Special Installation Instruction)</i></p>	<p>Dimensions:</p> <p><i>Top of Dome</i> 25mm <i>Bottom of Dome</i> 35mm <i>Height of Dome</i> 5mm</p> <p><i>Stem Diameter</i> 6mm <i>Stem Length</i> 12mm</p> <p>Manufactured to AS/NZS 1428.4 2002(F)</p>
---	---	---

Installation Tips: (Please visit <http://www.eigentactile.com/> for detailed installation guide)

1. Use wet drilling with a coring drill bit when installing into fragile substrates.
2. Refer to AS/NZS 1428.4 for TGSI positioning. To rectify a pad of TGSI can be costly.
3. Thoroughly clean the drilled hole prior to applying the glue, as dirt /dust will render the glue ineffective.
4. Avoid positioning TGSI studs along substrate joints if possible, as it is likely it will not work.
5. Use a template, available from Eigen Tactile.E