



Tactile Indicators (TGSI's)

Supply and Installation

Tactile Indicators assist people who are blind or vision impaired to orientate themselves in the built environment. TGSI's should be installed to provide guidance and/or warning of an obstruction or hazard. Barrier Group can supply and install a range of TGSI's that are slip rated to AS 4586-2013, and which meet the required safety standards, including the Building Code of Australia (BCA) and AS/NZS 1428.4.1:2009 Access for people with disabilities.

Note: TGSI's are GST exempt.

Luminance Contrast

Australian Standard 1428.4.1:2009 defines Luminance Contrast as *'the light reflected from one surface or component, compared to the light reflected from another surface or component'*. It is not simply the difference in the colour contrast, but the difference in the light reflective properties of each colour. Appropriate luminance contrast assists people with low vision to navigate and identify features such as doorways and information signage – as well as hazardous areas such as stairways, ramps and areas with a danger of vehicle impact.

P-Rated Slip Check

Barrier Group has employed the services of an independent NATA accredited laboratory to conduct wet pendulum slip resistance tests on our stair nosing and tactile ranges. These tests rate slip resistance on a scale of P1 to P5, where P5 is the highest. The slip resistance recommendation for a range of 'wet floor locations' is presented within table 3B of the Standards Australia handbook HB198:2014.

An example of these locations and the classification recommendations is shown below:

Pendulum Classification: AS4586-2013	Location Example for P5 to P1 classifications according to HB198:2014
P5	<ul style="list-style-type: none"> External ramps steeper than 1:14 Loading docks Commercial kitchens Swimming pool ramps and stairs
P4	<ul style="list-style-type: none"> External colonnade and walkway Pedestrian crossings and driveways Verandas and balconies Serving areas behind bars and cold stores Swimming pool surrounds Communal shower rooms
P3	<ul style="list-style-type: none"> Shopping centre – food court and fresh food areas Entries and access areas – public buildings – WET Undercover concourse of sports stadiums Bathrooms in hospitals and aged care facilities Toilet facilities in public buildings
P2	<ul style="list-style-type: none"> Entries and access areas – public buildings – TRANSITIONAL Hotel bathrooms, ensuites and toilets Hotel kitchens and laundries Wards and corridors in hospitals and aged care facilities
P1	<ul style="list-style-type: none"> Entries and access areas – public buildings – DRY Supermarket aisles (except fresh food)



Integrated TGSIs

Integrated tactiles are easy and quick to install, simply prepare the surface, peel and stick. The durable polyurethane tiles are designed to be used immediately.



Discrete TGSIs

Individual tactiles are available in 316 stainless steel or durable polyurethane. No messy adhesives necessary, just drill and press the step into the mounting hole.



Composite TGSIs

Composite tactiles are manufactured from 316 stainless steel with a carborundum insert. Simply drill and press fit for a high end look with maximum slip resistance.



TGSI Layout Template

This laser cut drilling template makes layout and drilling a simple, quick and accurate task. Manufactured from 1.6mm thick zinc sheet which can be reused, unlike plastic templates which are quickly destroyed by drilling and lose their accuracy. The 2-in-1 template has pilot holes for both warning tactile studs and the 3-pin stainless steel directional bars, reducing the number of templates required.

Part No.	Product Description	Length x Width x Thickness
BTT3060	Tactile layout template	600 x 300 x 1.6mm zinc sheet

<p>WARNING TACTILE ROUND P4</p> <ul style="list-style-type: none"> • Concentric circle • Stem with plug • Drill and press fit <hr/> <p>BTW101-SS 316 stainless steel (100 pack)</p>		
<p>WARNING TACTILE ROUND P4</p> <ul style="list-style-type: none"> • Stem with plug • Drill and press fit <hr/> <p>BTW102-CB Black carborundum infill - 316 stainless steel (100 pack)</p> <hr/> <p>BTW102-CY Yellow carborundum infill - 316 stainless steel (100 pack)</p>		
<p>WARNING TACTILE ROUND P5</p> <ul style="list-style-type: none"> • Linear pattern • Stem only • Drill and press fit <hr/> <p>BTW103-TPUB Black TPU (100 pack)</p> <hr/> <p>BTW103-TPUY Yellow TPU (100 pack)</p>		
<p>WARNING TACTILE ROUND P4</p> <ul style="list-style-type: none"> • Stem with plug • Drill and press fit <hr/> <p>BTW105-PVDB Black PVD – 316 stainless steel (100 pack)</p>		
<p>HANDRAIL TACTILE</p> <ul style="list-style-type: none"> • Drill and glue <hr/> <p>BHT10-SS 316 Stainless Steel Handrail Tactile Indicator</p>		

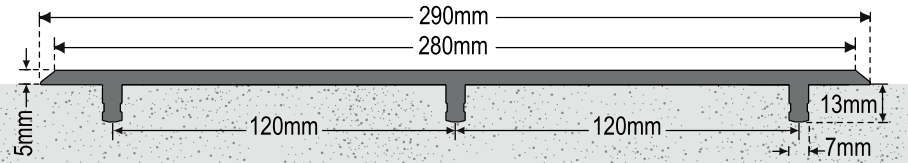
Refer to page 208 for explanation of P-Rated slip resistance



DIRECTIONAL TACTILE BAR Linear pattern / Stem only / Drill and adhere

P1

BTD101-SS 316 stainless steel (20 pack)



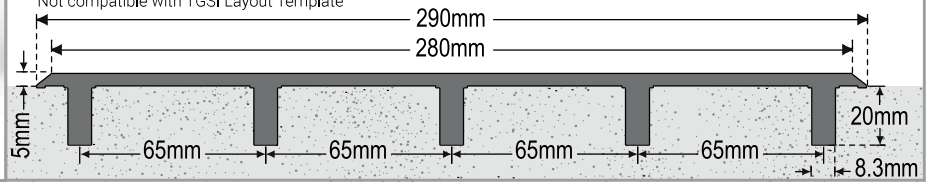
DIRECTIONAL TACTILE BAR Linear pattern / Stem only / Drill and adhere

P1

BTD103-TPUB Black TPU (20 pack)

BTD103-TPUY Yellow TPU (20 pack)

Not compatible with TGSI Layout Template

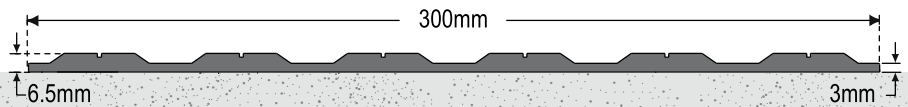


WARNING TACTILE PAD Peel and stick pad

P4

BTW104-TPUB Black TPU (each) **BTW104-TPUC** Cream TPU (each)

BTW104-TPUG Grey TPU (each) **BTW104-TPUY** Yellow TPU (each)

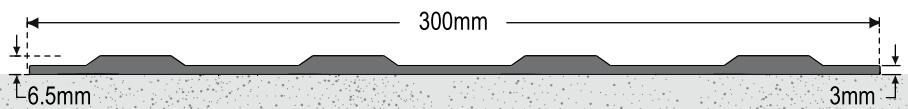


DIRECTIONAL TACTILE PAD Peel and stick pad

P4

BTD104-TPUB Black TPU (each)

BTD104-TPUY Yellow TPU (each)



Refer to page 208 for explanation of P-Rated slip resistance