

# DTAC<sup>®</sup>

ARCHITECTURAL TACTILES  
& STAIR NOSING SOLUTIONS



## ULTIMAT DUO<sup>®</sup>

DUAL-COLOUR TACTILE



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## ULTIMAT DUO®

### WHY?

Tactile Ground Surface Indicators (TGSIs) are visual and touch warning systems that are installed on ground or floor surfaces. TGSIs are designed to assist visually impaired pedestrians to safely navigate public spaces, walkways, road crossings, stairways, escalators, shopping centres and the like.

Within the TGSIs family are tactiles that, until now, have only been available as a single colour option and require the addition of on-site luminance contrast testing to derive Light Reflectance Values (LRV).

This is an expensive, time-consuming process that requires comparing certifier's LRVs to calculate the luminance contrast between the selected TGSIs and the ground or floor surface. AS/NZS 1428.4.1 Section 2.2 (b) stipulates that a TGSIs must have a luminance contrast as follows:

*(i) Where the integrated TGSIs are of the same colour as the underlying surface—not less than 30% across its entire area.*

***(ii) Where discrete TGSIs—not less than 45%.***

*(iii) Where discrete TGSIs are constructed using two colours or materials, the raised surface shall have a section that has 60% luminance contrast for a diameter of 24 mm to 25 mm tested as required below.*

The DTAC Ultimat Duo® is classified as a 'discrete' TGSIs, therefore requiring a 45% luminance contrast between the raised coloured TGSIs and the base colour.

### HOW?

DTAC has eliminated the need for on-site luminance contrast testing by developing a unique dual-colour tactile. The Ultimat Duo® consists of individual (discrete) TGSIs installed onto a different coloured integrated base which represents the floor surface. DTAC Ultimat Duo® gives architects, designers, builders and access consultants the confidence to select and coordinate colours that have a predetermined LRV regardless of the ground or floor surfaces colour or contrast.

- NO ON-SITE LRV SUBSTRATE TESTING REQUIRED
- POPULAR COLOURS AVAILABLE IN STOCK
- DUAL-COLOUR FEATURE ENHANCES LUMINANCE CONTRAST
- COLOUR MATCH TO STATE GOVERNMENT AND CORPORATE BRANDING
- CUSTOM COLOURS AVAILABLE<sup>2</sup>
- EASY INSTALLATION INDOORS OR OUTDOORS
- AUSTRALIAN MADE FOR AUSTRALIAN CONDITIONS





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## WHERE?

DTAC's NEW Ultimat Duo® is the perfect answer for public and architectural spaces where design aesthetic and colour coordination meets form and function compliance every time.

Colour coordinate: team or public sporting arenas, public transport hubs, fast food outlets, petrol stations, liquor stores, supermarkets, shopping centres, health and education facilities and much more.

**SPORT STADIUMS**



**STAIRWAYS**



**PUBLIC TRANSPORT**



**HEALTH FACILITIES**



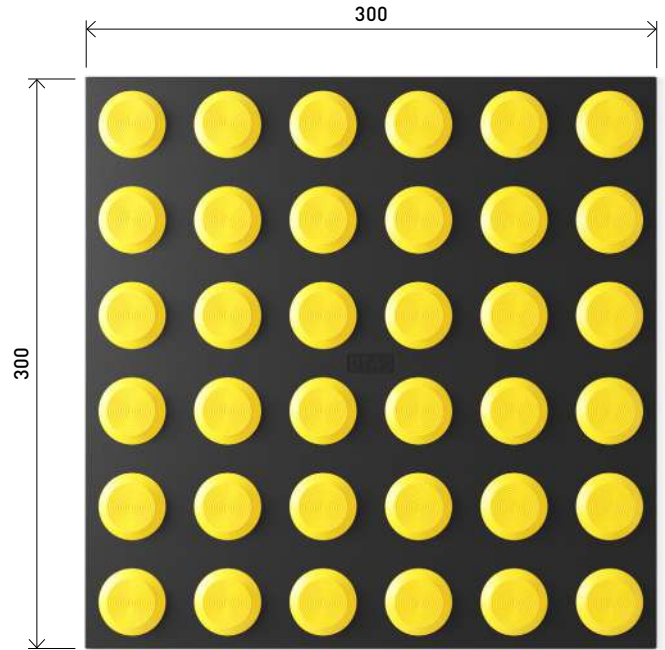
**EDUCATION FACILITIES**



**FAST FOOD OUTLETS**







**SPECIFICATIONS**



**LOCATION**

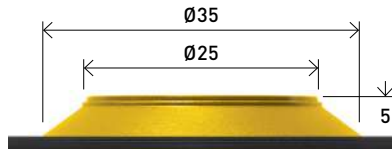
Indoor or outdoor

**TACTILE SIZE**

300 x 300mm

**FIXING METHOD**

Adhesive (included)



**APPROVALS**

**SLIP RESISTANCE TESTING**

✓ AS 4586 Appendix A

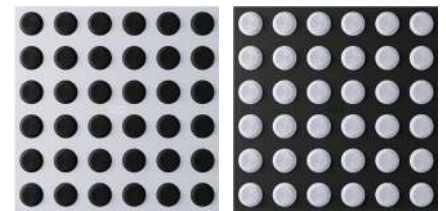
**LUMINANCE TESTING<sup>1</sup>**

✓ AS/NZS 1428.4.1 Appendix E3

**FIRE TESTING<sup>2</sup>**

✓ AS/ISO 9239.1

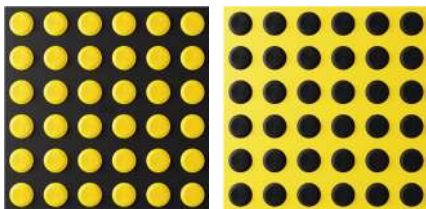
**LIGHT GREY / BLACK** LRV CONTRAST=82%



DWU0201

DWU0202

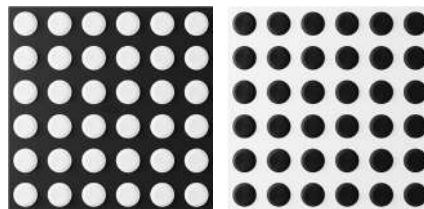
**YELLOW / BLACK** LRV CONTRAST=84%



DWU0203

DWU0204

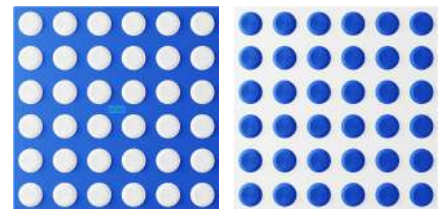
**WHITE / BLACK** LRV CONTRAST=95%



DWU0205

DWU0206

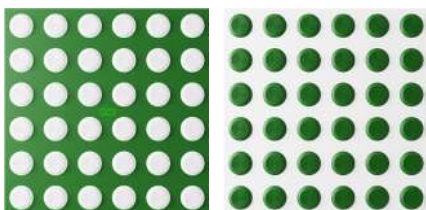
**WHITE / BLUE** LRV CONTRAST=93%



DWU0207

DWU0208

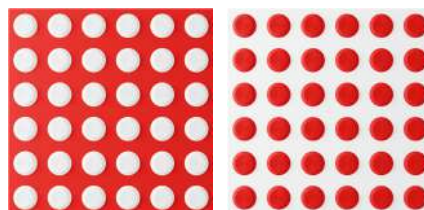
**WHITE / GREEN** LRV CONTRAST=69%



DWU0209

DWU0210

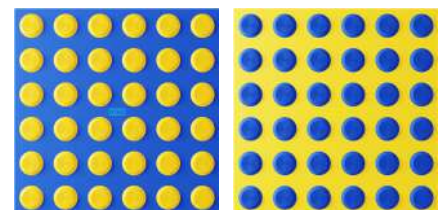
**WHITE / RED** LRV CONTRAST=66%



DWU0212

DWU0211

**YELLOW / BLUE** LRV CONTRAST=82%



DWU0213

DWU0214

<sup>1</sup>Compliance advisable on enquiry. <sup>2</sup>Tested on Light Grey / Black and Yellow / Black variants only.

\*LRV values indicative only. Images are example illustrations only.

**CONTACT DTAC NOW FOR SALES AND TECHNICAL SUPPORT.**

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