

What is luminance contrast testing?

Luminance contrast is a measure that compares the luminance reflectance of two different surfaces. Reports are produced from information collected on site, to document the compliance/non-compliance to building standards.

Luminescent Test Results

All values shown were measured in accordance with the requirements of AS/NZS 1428.4.1:2009 & AS1428.1-2009 using a Konica Minolta Chroma meter CR-400/410 with a diffuse illumination/normal viewing (d/o) geometry and CIE D65 illuminant. The products were tested in multiple locations, and results have been averaged out, and rounded up to the nearest whole decimal. This data should be used as a guide only.

Luminescent Values – Tactile Indicators

Luminance contrast of Tactile Ground Surface Indicators (TGSI's) is the difference in the amount of light reflected from the TGSI's compared to the amount of light reflected from the base surface. Tactile tiles require a 30% luminance contrast; single colour Individual TGSI's require 45% LRC; and composite (dual colour) Individual TGSI's require 60% LRC. For further information refer to AS1428.4.1-2009.

CLASSIC TREDFX SOLID BRASS TACTILES

Colours	Dry	Wet
Natural Brass	47.4	44.2

CLASSIC TREDFX STAINLESS STEEL TACTILES

Colours	Dry	Wet
Stainless Steel	51	46.5
Stainless Steel - Black PVD	4.6	3.5
SH10C - Screw	51.0	46.5

CLASSIC TREDFX POLYURETHANE / GRIT TACTILES

Colours	Dry	Wet
BH60N - Brass/Black	2.8	3.3
SH60N - Black	4.4	3.1
SH60N - White	52.2	51.4
SH60N - Yellow	36.9	36.4
SH75N - Black	3.0	2.7
SH75N -White	64.2	63.8
SH75N - Yellow	38.2	29.9

CLASSIC TREDFX DIRECTIONAL TACTILES

Colours	Dry	Wet
Stainless Steel	38.3	32.1

CLASSIC TREDFX ALUMINIUM TACTILES

Colours	Dry	Wet
Bronze	20.1	17.4
Silver	61.2	60.1

CLASSIC TREDFX POLYURETHANE INDIVIDUAL TACTILES

Colour	Dry	Wet
Black	2.4	2.6
White	61.3	62.1
Blue	4.3	4.7
Red	8.5	9.2
Tangerine	25.4	25.7
Mid Grey	12.9	14.2
Yellow	49.0	48.8
Beige	33.5	34.7
Light Grey	47.8	47.7

CLASSIC TREDFX POLYURETHANE TILE FORMAT TACTILES

Colours	Dry	Wet
Black	2.4	2.6
White	67.0	65.4
Blue	5.4	5.5
Red	12.5	12.2
Tangerine	24.7	24.9
Mid Grey	16.1	16.1
Yellow	41.3	42.2
Beige	29.8	30.2
Light Grey	43.2	43.3

TACTILE INDICATORS

Luminescent Testing Guide

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CLASSIC TREDFX FIBREGLASS TILE FORMAT TACTILES

Colours	Dry	Wet
Yellow	52.5	52.2
White	79.1	78.8
Black	4.1	4.1

CLASSIC TREDFX CERAMIC TACTILES

Colours	Dry	Wet
Charcoal	9.9	7.7
Yellow	33.5	33.0
vory	44.7	44.0

CLASSIC TREDFX CONCRETE TILE FORMAT TACTILES

Colours	Dry	Wet
Charcoal	8.0	4.0
Grey	46.8	33.4
Ivory	77.1	50.1
Yellow	46.0	42.0
Red	12.0	7.7