



Luminescent Testing Guide

What is luminance contrast testing?

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

As compared to the base surface, tactile pavers require a 30% contrast, single colour individual tactiles require a 45% contrast, and individual tactiles with inserts require a 60% contrast,

All values shown were measured in accordance with the requirements of AS/NZS 1428.4.1:2009.

Luminescent Testing Guide - Tactiles

Brass Tactile Studs	Dry	Wet
BH10P, BH10N - Brass	47.4	44.2
BH60P - Brass with black carb insert	2.8	3.3

Stainless Steel Tactile Studs	Dry	Wet
SH10N, SH10F - Natural	51	46.5
SH10N-B - Black	4.6	3.5
SH60P, SH60N - Natural with black carb insert	4.4	3.1
SH60P, SH60N - Natural with yellow carb insert	36.9	36.4
SH75N - Natural with black poly insert	3.0	2.7
SH75N - Natural with yellow poly insert	38.2	29.9
TSTDSSCNFNLP - Natural		
TSTDSSCBUFN - Natural with carb insert		

Aluminium Tactile Studs	Dry	Wet
AH10P, AH10N - Natural	61.2	60.1

Directional Bars	Dry	Wet
DBBRSSLNFN - Brass	47.4	44.2
DBSSTLHTFN - Natural	38.3	32.1
DBSSTLCRB - Natural with yellow carb insert		

Polyurethane Tactiles	Dry	Wet
THISS25, THIFS25, TBIBS10 - Yellow	49.0	48.8
THISS25, THIFS25, TBIBS10 - Black	2.4	2.6
THISS25, THIFS25, TBIBS10 - White	61.3	62.1
THISS25, THIFS25, TBIBS10 - Red	8.5	9.2
THISS25, THIFS25, TBIBS10 - Tangerine	25.4	25.7
THISS25, THIFS25, TBIBS10 - Mid Grey	12.9	14.2
THISS25, THIFS25, TBIBS10 - Light Grey	47.8	47.7
THISS25, THIFS25, TBIBS10 - Blue	4.3	4.7
THISS25, THIFS25, TBIBS10 - Beige	33.5	34.7

Luminescent Testing Guide - Tactiles

Stainless Steel Tactile Plates	Dry	Wet
SH60 Plate - Natural with Black insert	4.4	3.1
SH10 Plate - Natural with Black insert	4.4	3.1

Polyurethane Tactile Mats	Dry	Wet
TMPL300HZ, TMPL300DI - Yellow	41.3	42.2
TMPL300HZ, TMPL300DI - Black	2.4	2.6
TMPL300HZ, TMPL300DI - White	67.0	65.4
TMPL300HZ, TMPL300DI - Grey	16.1	16.1
TMPL300HZ, TMPL300DI - Green		

Concrete Tactile Pavers	Dry	Wet
TX60HA, TM40HA, TP25HA - Yellow		
TX60HA, TM40HA, TP25HA - Green		
TX60HA, TM40HA, TP25HA - Grey		
TX60DI, TM40DI, TP25DI - Yellow		

Luminescent Testing Guide - Stair Nosings

Polymer Inserts	Dry	Wet
Black	4.1	3.5
Yellow	57.0	56.7
White	74.9	74.2
Dark Grey	6.5	6.1
Mid Grey	24.4	23.9
Light Grey	45.4	44.7
Blue	8.7	7.5
Red	17.8	16.6
Tangerine	24.6	23.5
Beige	51.6	50.1
Ultra Violet	20.1	19.6
Raspberry	22.1	22.0
Teal	23.6	23.1
Lime Green	35.4	35.5
Coral	34.0	34.0

Carborundum Inserts	Dry	Wet
Black	4.8	2.3
Yellow	51.0	48.3
Light Grey	55.3	52.0
Luminescent	39.3	38.0

Metal Inserts	Dry	Wet
Aluminium - Black	3.4	2.3
Aluminium - Natural	54.8	53.5
Aluminium - Bronze	8.2	7.5
Aluminium - Saffron	42.1	38.4
Aluminium - Gold	49.8	45.4
Aluminium - Platinum	58.2	52.1
Brass	51.8	43.5

Test your project

On-site testing available nationwide. Many of our products still require more data to provide LRV averages. Reach out today to have your products LRV tested.