

17 July 2007

Our Ref. EN13/1545 03/0212

Mr Michael DiGianni  
Safespot Australia Pty Ltd  
44 – 46 Moore Street  
LEICHHARDT  
NSW0 2040

Dear Mr DiGianni,

**Report No. 3988A**

**Luminance Contrast values for**

**Tactile Ground Surface Indicators – Black Plastic**

As requested we have determined the luminance contrast of the tile surfaces according to the Standards Australia AS1428 *Design for assess & mobility – tactile indicators*.

The equation provided in Appendix F is as follows:  $C = \frac{Y_2 - Y_1}{0.5(Y_1 + Y_2)}$

The instrument used, Gardner Gmbh Color-guide having the following settings, 45°/0° geometry, Y x y colour system and illuminate observer angle of D65/2°.

The surfaces tested were the centre of the plastic TGSI's. All means are based on 15 random readings from the tactile head samples. The samples were tested wet & dry.

**Sample:**



**Results:**

Assessment	Luminance
Mean value Dry	1.40
Contrast range Dry	1.03 to 1.89
Mean value Wet	1.18
Contrast range Wet	0.88 to 1.60
Mean contrast range	<b>0.88 to 1.89</b>



D.R. Weeks  
Technical Officer