Light Reflectance Values (LRV's) Data Sheet
E Range Stair Nosings

Test Methods

The measurements were made on a Datacolor Spectraflash Spectrophotometer, an integrating sphere instrument with dual beam architecture and pulsed xenon light source. It is calibrated using a white standard with values directly traceable to standards at the National Physics Laboratory.

The test procedures follow Ceram in House Test Method WW22, and complies with the requirements of BS.8493:2008+A1:2010.

Two measurements were made at right angles to each other on the flat face of each specimen

Test Specimens

Two specimens, approximately 150mm in length, were supplied for each finish.

Results

The results are given as Light Reflectance Values (Specular Included) in Table 1.

Light Reflectance Value is a value which simplifies the % Reflectance data to one value which represents the overall 'Lightness' - termed LRV—and LRV is equivalent to CIE Y10 . This is usually presented as a reading on a scale of 0 (black) to 100 (white)

The LRV is quoted for D65/10°. D65 represents natural light illumination, while 10 degree represents a large area of view

Table 1 - Light Reflectance Values for samples 001/15 & 002/15

Lab No.	Clients Mark	Average LRV	Range
001/15	Economy - Mill (Untreated)	75.25	3.325
002/15	Economy - Natural Anodised	61.75	1.77

The above LRV values are the average of 9 measurements - 3 measurements at different points on the flat face of each specimen

The results in this Test Report are traceable to the "NPL—2007" scale