

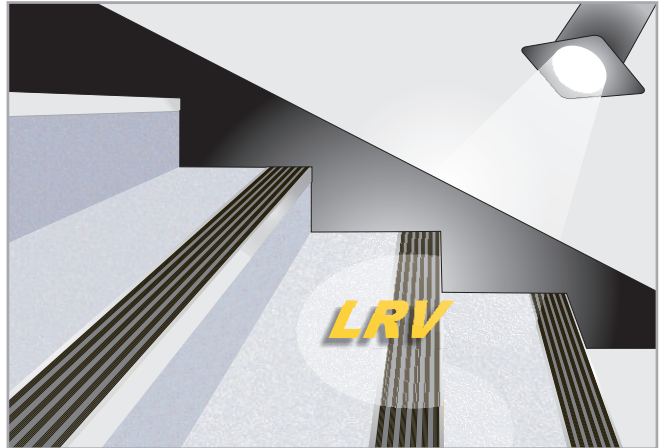
Stair Nosings - Infill, Colour Options & LRVs

Light Reflectance Values (LRV)

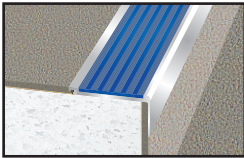
LRV is a measurement which expresses the percentage of light that is reflected from a surface with lighter finishes at the upper end of the scale and darker finishes at the lower. Designers of buildings need to comply with the building regulations applicable to the structure under consideration. Since 2004 guidance has existed on access to and use of buildings. The guidance is particularly concerned with provisions to assist the disabled, including those who are visually impaired.

The guidance highlights the need for certain surfaces and features to "contrast visually" with their surroundings.

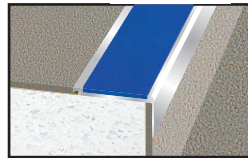
This is relevant to a wide range of non-residential buildings including, hospitals, schools, hotels, theatres, etc.



PVC Infills






















Castellated



Textured

The current guidance in the regulations and in the relevant codes of practice BS8300:2009 is that adequate visual contrast is provided if the Light Reflectance Value (LRV) of the contrasting areas exceeds 30 points, "i.e., the contrast between the stair edging and the floor covering".

The testing equipment used to assess the LRV of C.A.T. product finishes is an integrated sphere spectrophotometer.

Black Castellated: LRV 4.25 Textured: LRV 4.47		White Castellated: LRV 84.22 Textured: LRV 88.85		Light Grey Castellated: LRV 12.33 Textured: LRV 12.74	
Flint Castellated: LRV 11.27 Textured: LRV 11.66		Granite Castellated: LRV 7.02 Textured: LRV 7.14		Regency Castellated: LRV 5.16 Textured: LRV 5.37	
Mid Blue Castellated: LRV 6.53 Textured: LRV 6.71		Nimbus Castellated: LRV 4.77 Textured: LRV 4.95		Peat Castellated: LRV 5.88 Textured: LRV 6.04	
Rustic Castellated: LRV 5.52 Textured: LRV 5.79		Fawn Castellated: LRV 11.27 Textured: LRV 11.53		Ivory Castellated: LRV 37.42 Textured: LRV 37.65	
Spruce Castellated: LRV 6.38 Textured: LRV 6.59		Jade Castellated: LRV 7.33 Textured: LRV 7.52		Yellow Castellated: LRV 54.91 Textured: LRV 55.11	
Poppy Castellated: LRV 10.01 Textured: LRV 10.24		Claret Castellated: LRV 5.83 Textured: LRV 6.09		Porth Stone Castellated: LRV 52.91 Textured: LRV 53.11	
				Polar Grey Castellated: LRV 42.53 Textured: LRV 42.73	

Colours shown for guidance only. Please request sample for accurate referencing.