

Guidance Document

G0131A Guidance on the installation of Platform Tactile Strips

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1 Purpose

- 1.1 The purpose of this Standard is to provide guidance and advice on the installation of Platform Edge (Off Street) Warning Surfaces (aka Platform Tactile strips). Platforms on the LU network have been constructed over many years using a variety of materials and sub-structures. Exposure of platforms can vary from fully enclosed to open to direct sunlight, frost and snow. With these factors there is no single technical solution to the provision of platform tactile strips but a range of solutions that can be recommended, based on individual locations.

2 Scope

- 2.1 This Standard applies to platforms on the London Underground network. LU Category 1 Standard 1-131 section 3.4 defines the requirement for tactile paving on LU platforms.

3 Guidance

3.1 Design of Platform Tactile Strips

- 3.1.1 The surface profile of any platform tactile strip shall be as defined and illustrated in LU Standard 1-131, clause 5.2.4, figure 5. This is taken from BS 7997 figure E8.
- 3.1.2 Colour is required to contrast with adjacent paving materials (but red is not allowed - see BS 7997). There are requirements on colour contrast and lighting levels to be considered in BS 8300.
- 3.1.3 As stated in LU standard 1-131 the tactile strip should be positioned behind the platform nosing slab. Where there are different nosing slab widths on the same platform edge then a "best line" for the whole tactile strip should be sought within the recommended dimension of 500mm (minimum dimension) to 700mm from the platform edge. This distance may be exceeded in special cases via the seeking of a formal concession
- 3.1.4 A consistent line for the tactile strip is essential. Primarily the line should remain the same width and the same distance from the platform edge throughout the platform (platform humps are an exception). Where access covers or a change in surfacing is encountered it is preferable to change materials to enable the consistent line to be maintained.
- 3.1.5 In exposed, and in some sheltered platforms, the passage of rainwater must be considered. Where this will be interrupted by the installation of a tactile strip the designer should consider means to allow the water to drain away and avoid any ponding.

3.2 Tactile Strip Product Selection

Platform Exposure	Asphalt	Tarmac	Paving Slabs	Block Paving	Resin Coating	Ceramic	Terrazzo
Fully protected (e.g. tube tunnel)	Stick- on	N/A	Precast Conc.	N/A	Stick- on	Ceramic	Ceramic