« ROM-LINE » BARS- Composite

Ref. 4385-4386

USE MANUAL-GB

Improving accessibility and quality of use for buildings
for visual impaired people

Coloured composite podotactile bars affixed to the floor using a patented system with the combined use of adhesives:

→ high-density **self-adhesive tape** ensures immediate adhesion and excellent resistance to lateral impacts.
→ an **adapted structural adhesive** reinforces rip-away resistance and ensures long-lasting grip.

High resistance to wear, scratches and dirt pick-up.

UV- and chemical-resistant.

Quick and easy to fit; no structural modifications required for the surface; no noise, odours or dust involved; no interruption in use of corridors.

Can be applied to most surfaces in buildings.

With its widthwise modular setup thanks to the installation templates provided, ROM-LINE can adapt to functional guidance requirements and aesthetic preferences.

A range of colours are available.

Can be recognised with both feet and canes, despite the low-height bars.

No effect on walking.

Ideal guidance for the visually impaired, in the absence of natural guidance references in buildings open to the public: public offices, theatres, hotels, holiday centres, museums, shopping centres, etc.

The bars are supplied as a kit with the appropriate structural adhesive, mixing nozzles, a number of re-usable templates and installation instructions.
These templates can be fitted together to enable flexible and precise installation according to requirements, based on the specific characteristics of the premises. A dosing gun can also be supplied.

In addition, if necessary, the ROM-LINE bars can be removed without leaving any marks. This is important and totally new for classified buildings and if the use of premises changes.

Technical data

Composite PA6 material enriched with fibreglass, creating extra-high mechanical resistance for the material.

Dimensions of the modules:

- Length: 300 mm (bars of286 mm with rounded ends)
- Width: 12 mm
- Height: 3 mm
- Profile: trapezoid

Dimensions of repositioning templates (batches of 4 templates):

- 300x300 mm board templates, which can fit together both lengthwise and widthwise, thanks to a tongue & groove construction system, enabling the number of adjacent bars
- to be adapted based on podotactile guidance
- requirements and aesthetic aspects (e.g. dimensions of the underlying tiles).
- 5 side-by-side 285x12 mm cavities with spacing of 60 mm (centre-to-centre distance)
- Lengthwise cavity spacing: 15 mm, ensuring the easy evacuation of dust and water during cleaning operations.

Presentation of ROM-LINE bars	**Required quantity of bars** **(regarding the number of lines per module**			
		3 lines	4 lines	5 lines
- Set of 40 bars with premounted double-sided adhesive tape	3 lin. m	30	40	50
	4 lin. m	39	52	65
Accessories:	5 lin. m	48	64	80
- 1 cartridge of structural adhesive (including a proper mixing nozzle) per 40 bars	6 lin. m	60	80	100
- re-usable fit-together positioning templates set of 10 pieces = 3 linear meter	7 lin. m	69	92	115
	8 lin. m	78	104	130
	9 lin. m	90	120	150
set of 50 pieces = 15 linear meter - Dosing gun DS-50	10 lin. m	99	132	165

Important functional recommendations for the ROM-LINE

The tactile lines can be detected using a cane by passing the former from side to side over the parallel lines. The more lines are present, the easier it is to recognise directions.

Tactile guidance lines can be fitted in the absence of natural references (e.g. a wall)

However, in areas fitted out, **the lines must be immediately obvious** for the visually impaired. The tactile routes must be wide enough to ensure easy and comfortable tracking using a cane or foot.

In confined spaces with a straight route, 4 to 6 lines widthwise is adequate (i.e. a working width of 25 - 35 cm).

In open spaces, and at locations where the podotactile routes can be approached laterally (e.g. in a large reception hall) or on routes with direction changes, it is important to increase the width of the module to assist the visually impaired to find the route and identify direction.
Just like tactile warning indicators, tactile routes must have a working width of 42 - 60 cm (i.e. 8 - 10 parallel lines).

In larger spaces, considering the absence of other references, it is important for changes in direction to be constructed *at right angles,* to avoid disturbing the sense of orientation of the visually impaired.