

## CONTROL JOINT

Floor to Floor

8 - 16 mm ( 5/16 - 5/8" ) Joint Width

## Features

### Surface

Easy transit: Americans with Disabilities Act (ADA) compliant across the entire movement cycle

8mm minimum visible line width between finishes

London Underground Limited 1-085 'Fire Safety Performance of Materials' tested and approved for below ground applications such as metro stations.

### Movement

Good movement capacity

## Traffic Frequency per day



> 25,000



≤ 10,000



≤ 10,000



> 25,000



≤ 1,000

## System Options

Sightline width(s) 8, 9, 10, 12, 14, 15, 16 mm

Height(s) 22, 30, 42, 55, 70, 90 mm

Metal type(s) 304-grade Stainless Steel

316-grade Stainless Steel

5251 Aluminium

CZ 108 Brass

Metal thickness(es) 1.0, 1.5, 2.0 mm

Seal colour(s) Black (RAL 7021) VAMAC

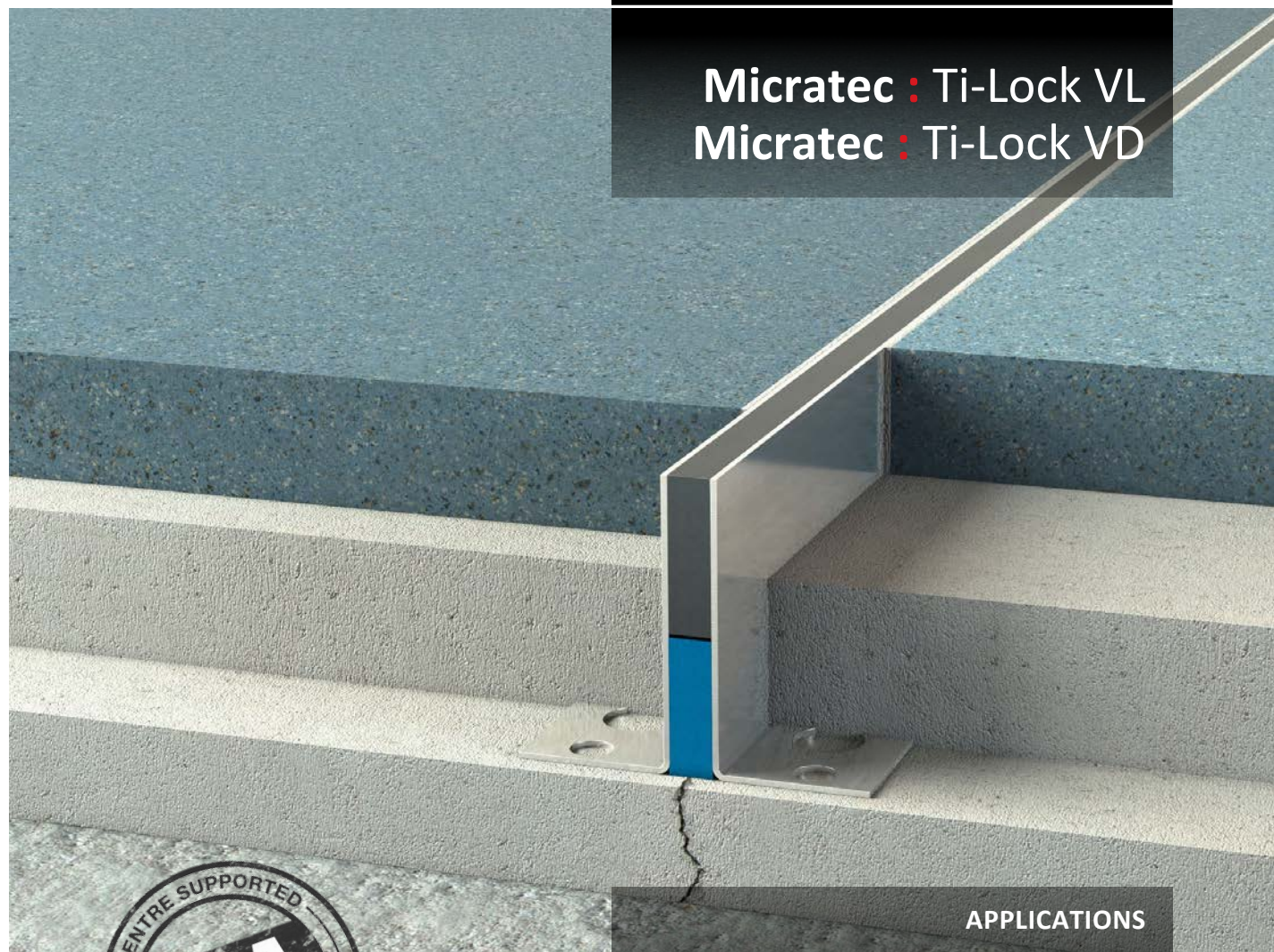
Grey (RAL 7038) VAMAC

Beige (RAL 1015) VAMAC

Fire barrier Not applicable

Waterproofing Not applicable

Pre-assembly in factory Not applicable



Micratec : Ti-Lock VL  
Micratec : Ti-Lock VD

## APPLICATIONS

Airport Terminals | Educational | Exhibition Centres  
Department Stores | Distribution & Retail Warehouses  
Factories | Hospitals | Museums | Offices & Hotels  
Parking | Places of Worship | Residential Buildings  
Rail, Metros & Elevated Rail Stations | Roads & Bridges  
Shopping Centres | Sports Stadiums | Supermarkets

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# Micratec : Ti-Lock VD

### Expansion Joint Selection Criteria

### Load Rating

### Product Details

| Joint Location      | Gap Width B (mm) | Movement Capacity (mm) |         | Eurocode Rating |        |       |        | Product Dimensions        |                  |                  |                 | Product Number |
|---------------------|------------------|------------------------|---------|-----------------|--------|-------|--------|---------------------------|------------------|------------------|-----------------|----------------|
|                     |                  | ±                      | [Total] |                 |        |       |        | Height H1 (mm)            | Thickness T (mm) | Sightline A (mm) | Blockout C (mm) |                |
| Floor - Floor VAMAC | -                | +0.5/-1.5              | [2.0]   | 35 kN           | 190 kN | 30 kN | 630 kN | 22: 30: 42:<br>55: 70: 90 | 1.0              | 8                | 46              | VL-008-(H1)    |
|                     |                  |                        |         |                 |        |       |        |                           | 1.5              | 9                | 46              | VL-009-(H1)    |
|                     |                  |                        |         |                 |        |       |        |                           | 2.0              | 10               | 46              | VL-010-(H1)    |
|                     |                  | +1.0/-3.0              | [4.0]   |                 |        |       |        |                           | 1.0              | 14               | 52              | VL-014-(H1)    |
|                     |                  |                        |         |                 |        |       |        |                           | 1.5              | 15               | 52              | VL-015-(H1)    |
|                     |                  |                        |         |                 |        |       |        |                           | 2.0              | 16               | 52              | VL-016-(H1)    |
| Floor - Floor VAMAC | -                | +0.5/-1.5              | [2.0]   | 35 kN           | 190 kN | 30 kN | 630 kN | 22: 30: 42:<br>55: 70: 90 | 1.0              | 8                | 76              | VD-008-(H1)    |
|                     |                  |                        |         |                 |        |       |        |                           | 1.5              | 9                | 76              | VD-009-(H1)    |
|                     |                  |                        |         |                 |        |       |        |                           | 2.0              | 10               | 76              | VD-010-(H1)    |
|                     |                  | +1.0/-3.0              | [4.0]   |                 |        |       |        |                           | 1.0              | 14               | 82              | VD-014-(H1)    |
|                     |                  |                        |         |                 |        |       |        |                           | 1.5              | 15               | 82              | VD-015-(H1)    |
|                     |                  |                        |         |                 |        |       |        |                           | 2.0              | 16               | 82              | VD-016-(H1)    |

When specifying or ordering please add the **height (H1)** required to the Product Reference.

For example Micratec : Ti-Lock VL-008-055 denotes a control joint 55mm high.

When specifying or ordering please select metal side plates from aluminium, 304-grade stainless steel, 316-grade stainless steel or brass.

When specifying or ordering please select VAMAC core colour as black, grey or stone (beige).

We hold a range of Ti-Lock in stock available for next day delivery. We can also manufacture bespoke heights, widths and colours.

Please contact our Sales Department for more information.

