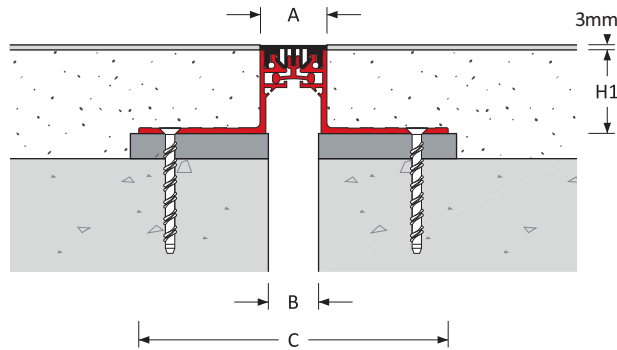


## SINGLE-SEAL EXPANSION JOINT

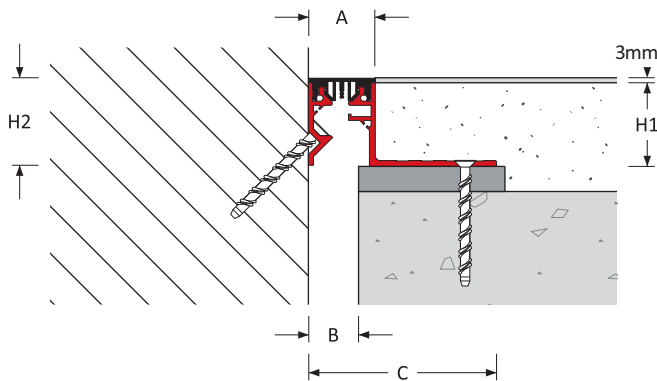
Floor to Floor | Floor to Wall  
30 - 75 mm ( 1 1/4 - 3" ) Expansion Gaps

# Maxatec 100 : V01-V02

Maxatec 100 : V01



Maxatec 100 : V02



### 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             |         | Sightline |                  | Blockout         |
|                |                  |                        |         |                 |       |   |   | H1 (mm)            | H2 (mm) | A (mm)    | C (mm)           |                  |
| Floor – Floor  | 30               | ± 5                    | [10]    | 5 kN            | 46 kN |   |   | 25: 35:<br>50: 70  | -       | 40        | 185              | 100-V01-030-(H1) |
|                | 50               | ± 10                   | [20]    | 2 kN            | 31 kN | - | - |                    |         | 71        | 216              | 100-V01-050-(H1) |
|                | 75               | ± 15                   | [30]    |                 |       |   |   |                    |         | 93        | 238              | 100-V01-075-(H1) |
| Floor – Wall   | 30               | ± 5                    | [10]    | 5 kN            | 46 kN |   |   | 25: 35:<br>50: 70  | 53      | 40        | 113              | 100-V02-030-(H1) |
|                | 50               | ± 10                   | [20]    | 2 kN            | 31 kN | - | - |                    | 78      | 71        | 144              | 100-V02-050-(H1) |
|                | 75               | ± 15                   | [30]    |                 |       |   |   |                    | 93      | 166       | 100-V02-075-(H1) |                  |

When specifying or ordering please add the **height (H1)** required to the Product Reference.  
For example Maxatec 100 : V01-030-035 denotes a joint 35mm high.

To accommodate vinyl finishes the thermoplastic rubber insert extends 3mm above the level of the joint frame increasing the overall joint depth to 38mm.

### Complementary Systems

Internal Wall - 100 : A07-A09 - Pg 68 - 69

**Features**

**Surface**

Smooth surface

Centre supported and Americans with Disabilities Act (ADA) compliant across the entire movement cycle

**Movement**

Good movement capacity

ASTM E-1399 Class I: Thermal  
Class II: Wind

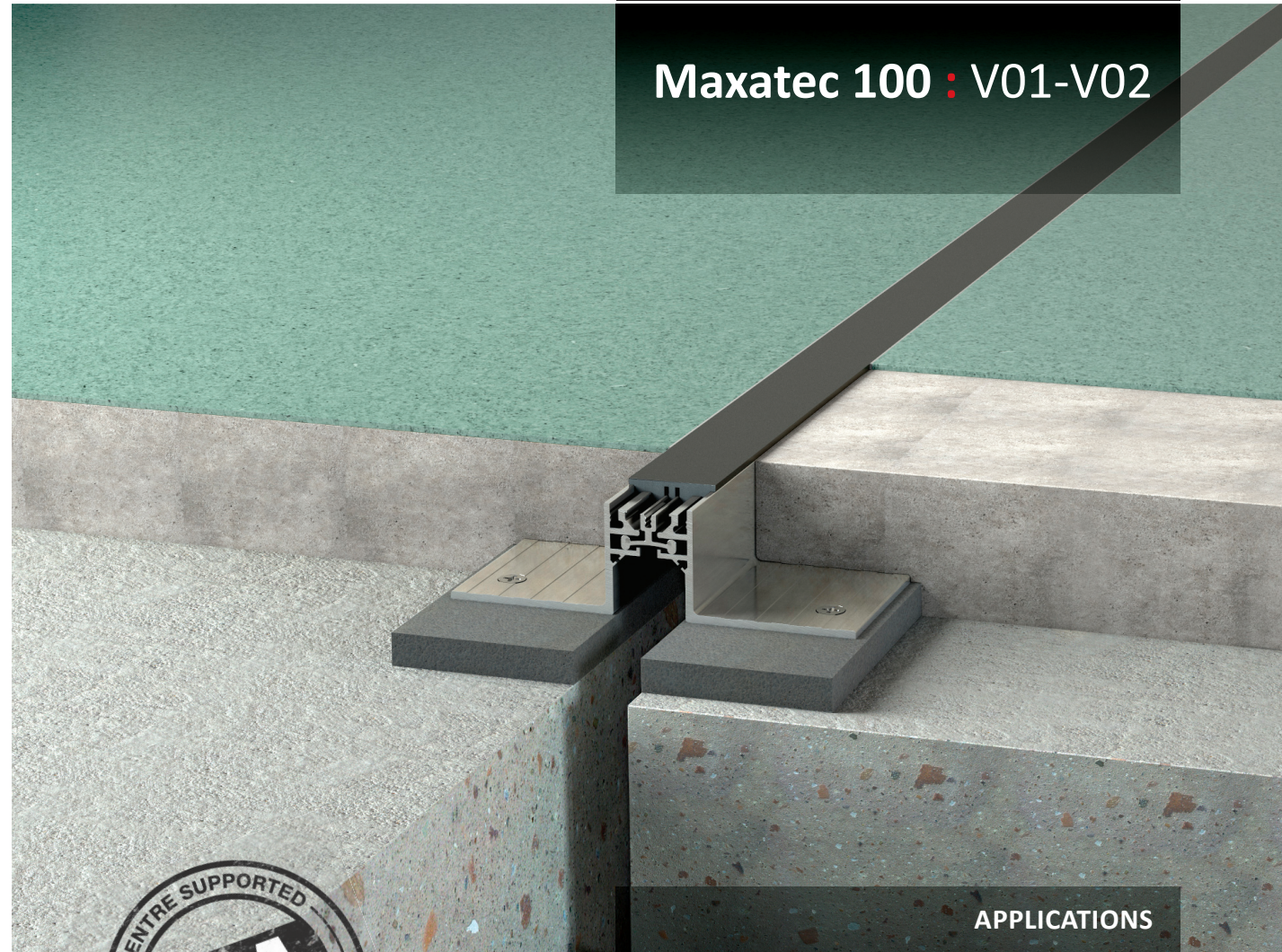
**Traffic Frequency per day**

|   |   |   |   |   |
|---|---|---|---|---|
|  |  |  |  |  |
| ≤ 25,000  | ≤ 10  | ≤ 10  | -   | -   |

**System Options**

|                         |                        |
|-------------------------|------------------------|
| Gap width(s)            | 30, 50, 75 mm          |
| Height(s)               | 25, 35, 50, 70 mm      |
| Metal type(s)           | Aluminium              |
| Seal colour(s)          | Black, Grey, Stone     |
| Fire barrier            | 120-240 minutes        |
| Waterproofing           | Moisture barrier       |
| Pre-assembly in factory | Contact Vexcolt Europe |

**Maxatec 100 : V01-V02**



**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