

## SINGLE-SEAL EXPANSION JOINT

Floor to Floor | Floor to Wall

30 - 75 mm ( 1 1/4 - 3" ) Expansion Gaps

### Maxatec 100 : V01-V02

#### 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)           | 6063 T5 & T6 Aluminium                                  |
| Seal colour(s)          | Black (RAL 7021)<br>Grey (RAL 7038)<br>Beige (RAL 1015) |
| Fire barrier            | 120-240 minutes                                         |
| Waterproofing           | Moisture barrier                                        |
| Pre-assembly in factory | Contact Vexcolt                                         |



#### 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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### Expansion Joint Selection Criteria

### Load Rating

### Product Details

| Joint Location | Gap Width<br>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) |

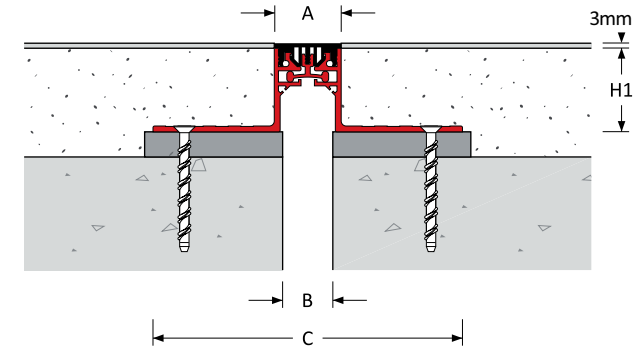
When specifying or ordering please add the **height (H1)** required to the Product Reference.  
For example Maxatec 100 : V01-030-035 denotes a joint 35mm high.

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

Maxatec 100 : V01



Maxatec 100 : V02

