

## SEAL EXPANSION JOINT

Floor to Floor | Deck to Deck  
25 - 100 mm ( 1 - 4" ) Expansion Gaps

### Features

#### Surface

Ribbed surface for improved slip resistance  
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                                                                              | > 25,000                                                                          | ≤ 100                                                                             |

### System Options

|                         |                                |
|-------------------------|--------------------------------|
| Gap width(s)            | 25, 50, 75, 100 mm             |
| Height(s)               | 18 mm                          |
| Metal type(s):          | None                           |
| Colour(s)               | Black (RAL 7021) coloured seal |
| Fire barrier            | 120-240 minutes                |
| Waterproofing           | Not applicable                 |
| Pre-assembly in factory | Contact Vexcolt                |

## Flexatec 1210 : A01



### 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 B (mm) | Movement Capacity (mm) |         | Eurocode Rating                                                                   |                                                                                   |                                                                                   |                                                                                   | Product Dimensions |         |                  |                 | Product Number |
|------------------------------|------------------|------------------------|---------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--------------------|---------|------------------|-----------------|----------------|
|                              |                  |                        |         |                                                                                   |                                                                                   |                                                                                   |                                                                                   | Height             |         | Sightline A (mm) | Blockout C (mm) |                |
|                              |                  | ±                      | [Total] |  |  |  |  | H1 (mm)            | H2 (mm) |                  |                 |                |
| Floor - Floor<br>Deck - Deck | 25               | ± 7                    | [15]    | -                                                                                 | 36 kN                                                                             | 30 kN                                                                             | 120 kN                                                                            | 18                 | 54      | 40               | 125             | 1210-A01-025   |
|                              | 50               | ± 15                   | [30]    |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                    | 64      | 65               | 150             | 1210-A01-050   |
|                              | 75               | ± 25                   | [50]    |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                    |         | 90               | 175             | 1210-A01-075   |
|                              | 100              | ± 32                   | [64]    |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                    |         | 115              | 200             | 1210-A01-100   |

