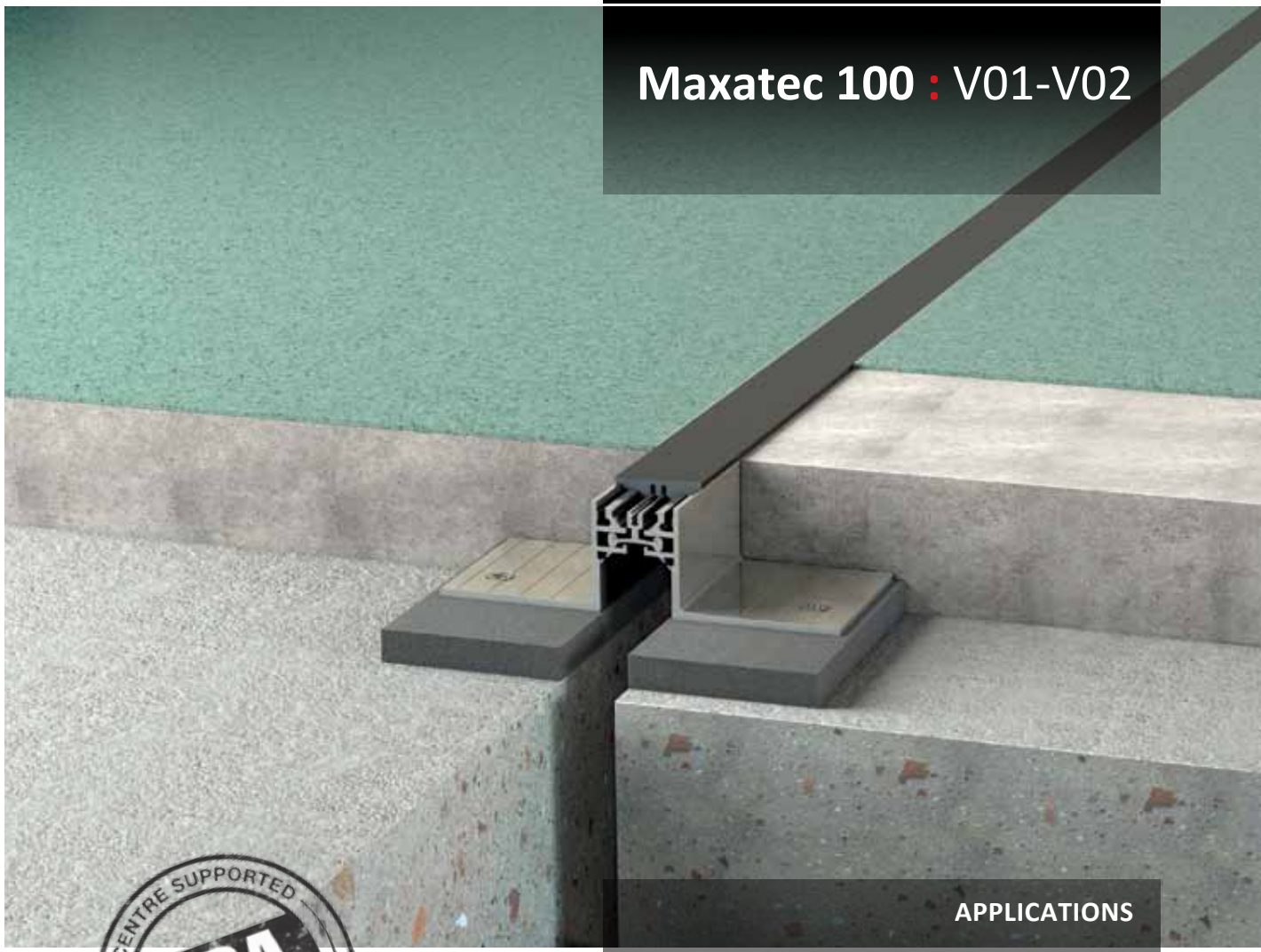
SINGLE-SEAL EXPANSION JOINT

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) Grey (RAL 7038) Beige (RAL 1015)
Fire barrier	120-240 minutes
Waterproofing	Moisture barrier
Pre-assembly in factory	Contact Vexcolt

CENTRE SUPPORTED ADA COMPLIANT ACCESS FOR ALL

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

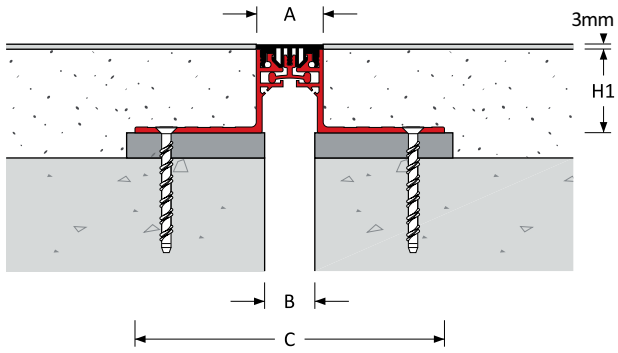
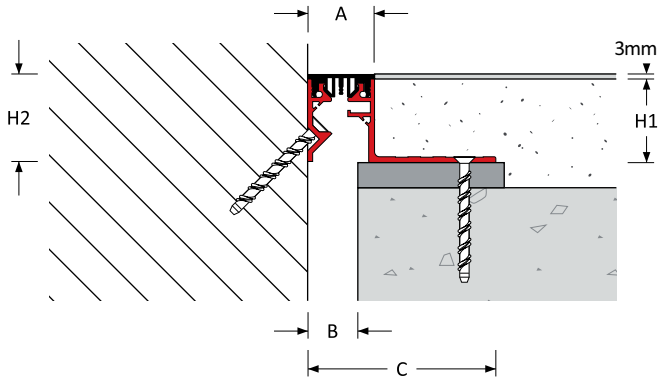
Joint Location	Gap Width B (mm)	Movement Capacity (mm) ±	[Total]	Eurocode Rating				Product Dimensions Height H1 (mm)	Height H2 (mm)	Sightline A (mm)	Blockout C (mm)	Product Number
Floor - Floor	30	± 5	[10]	5 kN	46 kN	-	-	25: 35: 50: 70	-	40	185	100-V01-030-(H1)
	50	± 10	[20]	2 kN	31 kN					71	216	100-V01-050-(H1)
	75	± 15	[30]							93	238	100-V01-075-(H1)
Floor - Wall	30	± 5	[10]	5 kN	46 kN	-	-	25: 35: 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