
DSEAL

BUILDING EXPANSION JOINTS

Product Catalogue

Expansion Joint Systems & Covers — engineered to absorb thermal movement, seismic activity and settlement.

30 SYSTEMS · 6 CATEGORIES · 25+ YEARS

Dseal.in

Dseal Solutions Private Limited

India's premier expansion-joint manufacturer · dseal.in

Forged in ASTM 6063 T6 aluminium

Dseal Solutions Private Limited is India's premier manufacturer of high-performance building expansion joint systems. For over 25 years we have engineered profiles, covers and seals that absorb thermal movement, seismic activity and structural settlement in the most demanding structures — car parks, airports, hospitals, stadia, metros and high-rise towers.



ASTM 6063 T6

Aircraft-grade aluminium profiles, manufactured to ASTM-B221-02.

EPDM · TPR · TPV

Chemical, UV and weather-resistant seals; anti-root penetration.

In-house design

Bespoke joint solutions tailored to your exact project requirements.

Pan-India supply

Serving architects, contractors and consultants across India.

How this catalogue is organised

- **Floor & Parking** — 13 systems
- **Wall & Facade** — 5 systems
- **Roof** — 2 systems
- **Seismic** — 3 systems
- **Compression Seals** — 5 systems
- **Below-grade & Accessories** — 2 systems

Floor & Parking

Mechanical floor & parking joint systems in ASTM 6063 T6 aluminium for medium-to-heavy traffic, from car parks to plazas.



ParkGuard

FLOOR & PARKING · MECHANICAL JOINT

Heavy-duty parking expansion joint system engineered for high-traffic parking structures, built from ASTM 6063 T6 aluminium with durable EPDM/nitrile seals.

Joint gap	50 mm – 65 mm
Traffic	Medium-heavy (pneumatic up to 90 kN)
Side strips	Galvanised / stainless steel, pre-drilled, 3 m
Insert	Nitrile, 15 m roll, black or grey
Material	ASTM 6063 T6 aluminium



DriveFlex

FLOOR & PARKING · MECHANICAL JOINT

Mechanical floor expansion joint for interior carpark levels, access ramps and slow vehicle traffic — flexible, hard-wearing and easy to maintain.

Joint gap	50 mm – 65 mm
Material	Aluminium + nitrile
Versions	Flat / angle
Side strips	Pre-drilled, 3 m
Insert	Nitrile, 15 m roll



GatewaySeal

FLOOR SEAL · GFT SERIES

Floor expansion joint (GFT series) for a 60 mm gap and 35 mm height — pre-drilled aluminium angles with an interchangeable nitrile insert.

Joint gap	Up to 60 mm
Height	35 mm
Material	Aluminium + nitrile
Colours	Black / grey / RAL
Versions	Flat / angle



DuraEdge Seal

MECHANICAL FLOOR JOINT · JDH 5.02

Mechanical floor expansion joint in pre-drilled aluminium with an interchangeable nitrile insert — for all floor finishes, joint gaps 20–60 mm and movement up to ± 10 mm.

Reference	JDH 5.02
Joint gap (W)	20 / 30 / 40 / 50 / 60 mm
Movement	± 3 mm to ± 10 mm
Materials	Aluminium side plates + nitrile insert
Insert colours	Black / grey
Standard length	3 m



LoadMaster

HEAVY LOAD · FLOOR-TO-FLOOR

Cost-effective heavy-load floor-to-floor expansion joint for parking garages, warehouses and vehicular-traffic areas.

Type	Heavy-load floor-to-floor
Traffic	Vehicular (pneumatic & solid tyres)
Plate option	Stainless steel



JointMaster

RECESS-MOUNTED · FLOOR COVER

Heavy-duty aluminium recess-mounted floor joint cover with a free-floating centre plate — for interior and exterior use with some vehicular access.

Joint width	Up to 100 mm
Horizontal movement	+95 mm / -40 mm
Vertical movement	±3 mm
Load capability	1000 kg point load
Finish	Mill-finish aluminium



JackGuard

HORIZONTAL · FLOOR-TO-FLOOR

The horizontal floor-to-floor joint solution — a robust expansion joint cover for level floor transitions.

Type	Horizontal floor-to-floor
Material	ASTM 6063 T6 aluminium
Application	Commercial / industrial floors



GalaxyJoint

FLOOR COVER · HIGH TRAFFIC

Floor expansion joint cover for high-frequency pedestrian traffic and heavy rolling loads — airports, convention centres, subways and hospitals.

Joint range	50 mm – 125 mm (2 3 – 5 3)
Thermal movement	±18%
Surface	Serrated, slip-resistant
Mounting	Surface mount (new / retrofit)



StarGuard

FLOOR-TO-FLOOR · COVER SYSTEM

Floor-to-floor expansion joint cover system delivering a robust, low-profile transition for interior floors.

Type	Floor-to-floor cover
Material	ASTM 6063 T6 aluminium
Application	Interior floors



LevelJoint

FLOOR · COVER PLATE

Floor cover-plate expansion joint for level transitions across wide joint openings from 100 mm to 375 mm.

Type	Floor cover plate
Joint range	100 mm – 375 mm
Material	Aluminium



PlazaJoint

MODULAR · MORTAR-BED (MF)

Modular floor expansion joint for mortar beds — a co-extruded profile that subdivides the bed into bays and adapts to almost any height.

Type	Modular mortar-bed (MF)
Minimum height	30 mm
Adjustment	15 – 20 mm intervals
Profile	Co-extruded twin-resin



NovaLink

HINGE PROFILE · HEAVY DUTY

Hinged floor expansion joint cover for uneven slabs — a single hinged plate that handles pedestrian and heavy-duty loads.

Standard joint sizes	25.4 mm – 101.6 mm (1 3 – 4 3)
Heavy-duty joint sizes	100 mm – 170 mm (4 3 – 7 3)
Loading	Up to 2,000 lbs
Standard	ASTM E1399, ADA compliant



FlexiGuard

FLOOR & WALL · INTERCHANGEABLE INSERT

Surface-mounted expansion joint profile with an interchangeable TPE insert — anti-slip, hard-wearing and ideal for sports and high-hygiene areas.

Joint width	50 mm
Compensation	Up to 20 mm
Insert height	3 mm
Profile length	3 m (insert 25 m)
Temperature	-30°C to +120°C

Wall & Facade

Wall-to-wall and facade expansion covers with concealed fixings and weather-resistant seals.

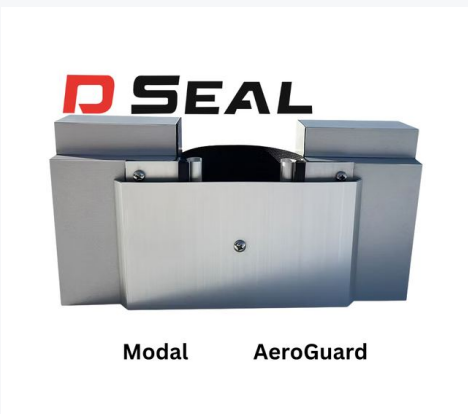


ProGuard

WALL-TO-WALL · SMN SERIES

Wall-to-wall expansion joint (SMN series) designed to absorb the structural movements of large or compound buildings.

Type	Wall-to-wall (SMN series)
Movement	Vertical / horizontal / transversal
Mounting	Surface (incl. vertical)



AeroGuard

WALL · COVER SYSTEM

Architectural wall expansion joint cover combining clean aesthetics with dependable movement accommodation.

Type	Wall cover
Material	ASTM 6063 T6 aluminium
Application	Interior / exterior walls



Aerostar

WALL-TO-WALL · LOCK PROFILE

Wall-to-wall expansion joint cover with a lock profile, providing secure retention and a clean architectural line.

Type	Wall-to-wall (lock profile)
Material	ASTM 6063 T6 aluminium
Application	Interior / exterior walls



ClampJoint

WALL / CORNER · CLIP PROFILE

Wall-to-wall clip-joint cover system, including corner configurations, for secure clamped retention of the joint cover.

Type	Wall-to-wall clip joint
Configurations	Straight / corner
Material	Aluminium



Corner Joint System

CORNER · WALL-TO-WALL

Corner expansion joint profile for wall-to-wall corner conditions, with a clip-retained cover for a clean inside or outside corner.

Type	Corner expansion joint
Retention	Clip profile
Application	Wall-to-wall corners

Roof

Watertight roof expansion joints that handle thermal movement and weather, with snow-load options.



SkyBridge

ROOF · EXPANSION JOINT

Roof expansion joint system safeguarding roof structures from thermal movement and weather, for joint widths from 50 mm to 500 mm.

Type	Roof expansion joint
Joint width	50 mm – 500 mm
Sealing	Neoprene washers + PU seals
Materials	Anodised/sprayed aluminium, SS, brass



Roof Seal — TPE

ROOF · TPE / TPV SEAL

TPE/TPV roof seal system delivering flexible, weather-resistant sealing for roof and exterior expansion joints.

Type	Roof seal (TPE / TPV)
Material	Thermoplastic elastomer
Application	Roof / exterior joints

Seismic

Seismic systems engineered to absorb large, multi-directional movement, with integral water barriers.



SeismoMax

SEISMIC · JOINT SYSTEM

Seismic expansion joint system engineered to absorb large, multi-directional movements in earthquake-prone structures.

Type	Seismic joint system
Movement	Large, multi-directional
Application	Seismic zones



JointShield

WALL-TO-WALL · SEISMIC COVER

Wall-to-wall seismic cover system with an integral water barrier — shield-like protection for large movement joints.

Type	Wall-to-wall seismic cover
Water barrier	Integral
Movement	Multi-directional (seismic)



HorizonGuard

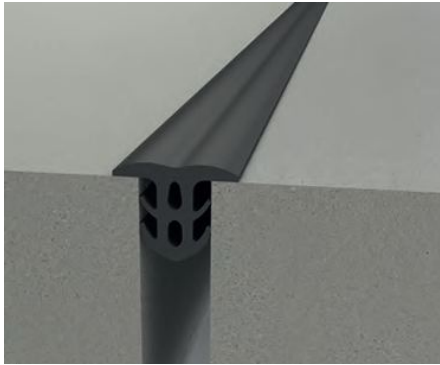
SEISMIC · HORIZONTAL JOINT

Seismic horizontal joint system using a sealant-and-backer-rod arrangement to absorb floor-to-floor movement.

Type	Seismic horizontal joint
System	Sealant + backer rod
Application	Floor-to-floor (seismic)

Compression Seals

Flexible EPDM & PU compression seals for horizontal and vertical movement joints — unaffected by water, oil or chemicals.



EnduroSeal

EPDM · WALL-TO-WALL (REFURB)

Wall-to-wall EPDM compression seal with collar — quick-fit flexible rubber strips, perfect for refurbishments.

Type	EPDM wall-to-wall seal (collar)
Material	EPDM rubber
Supply	Cut to suit, up to 25 m rolls
Mounting	Surface or recessed



SealMaster-H

EPDM · COMPRESSION SEAL

Horizontal EPDM compression seal system — a masterful solution for floor and wall sealing.

Type	Horizontal EPDM compression seal
Material	EPDM rubber
Application	Floor / wall joints



SealMaster-HV

EPDM · HORIZONTAL & VERTICAL

EPDM compression seal for both horizontal and vertical joints — unaffected by water, oil or chemicals, for gaps up to 120 mm.

Type	EPDM seal (horizontal & vertical)
Max gap	120 mm
Sizes	10 standard + custom
Resistance	Water, oil, chemicals

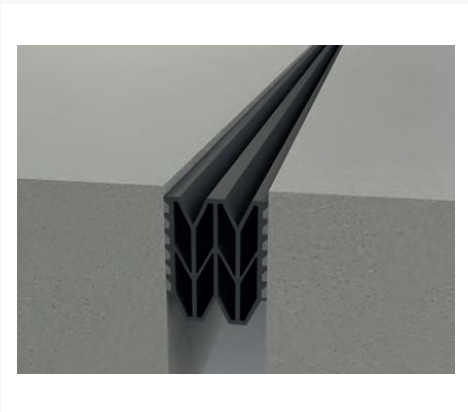


Vertical Compression Seal

VERTICAL · COMPRESSION SEAL (D-TYPE)

D-type EPDM compression seal designed specifically for vertical movement joints in walls and facades.

Type	Vertical compression seal (D-type)
Material	EPDM rubber
Application	Vertical wall / facade joints



TrafficFlex Seal

EPDM · FLOOR (TRAFFIC)

Floor-to-floor EPDM seal engineered for traffic-heavy horizontal expansion joints.

Type	Floor EPDM seal
Material	EPDM rubber
Application	Traffic-heavy horizontal joints

Below-grade & Accessories

Watertight below-grade joints and water-management accessories for foundations, tunnels and subterranean structures.



Bellow-Grade System

BELOW-GRADE · WATERPROOF

Watertight, durable and flexible below-grade expansion joint system for foundations, tunnels and subterranean structures.

Type	Below-grade expansion joint
Performance	Watertight + flexible
Application	Foundations, tunnels, basements



Water Barrier + Outlet

ACCESSORY · WATER MANAGEMENT

Expansion joint water barrier with an integrated outlet pipe to collect and drain water away from the joint.

Type	Water barrier + outlet
Function	Collection + drainage
Use	Beneath floor / deck joints

Let's build your joint solution

Tell us your joint width, movement, traffic and location — our engineers will recommend the right system and prepare a quotation.

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Specifications are indicative and subject to change without notice. Refer to product technical datasheets (TDS) at dseal.in for current values.