

Dseal DriveFlex

Floor & Parking · Mechanical Joint

— PRODUCT OVERVIEW

DriveFlex is a mechanical floor expansion joint built from pre-drilled aluminium side strips and a flexible nitrile insert that clips between them to bridge a structural movement gap. The aluminium strips are supplied in 3 m lengths and the nitrile insert comes on a 15 m roll in black or grey, making it well suited to interior carpark levels, access ramps and floors carrying slow vehicle traffic. It is offered in flat and angle versions to suit both floor-to-floor and floor-to-wall conditions with exposed skirting. The system accommodates a joint gap of 50-65 mm while letting the resilient nitrile profile flex with thermal and structural movement underfoot and under tyres. The insert is interchangeable, so a worn or damaged section can be lifted out and replaced without disturbing the fixed aluminium frame, keeping the floor serviceable for years.

— TECHNICAL SPECIFICATIONS

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

— DIMENSIONS

Joint gap	50-65 mm
Side strip length	3 m
Insert roll length	15 m
Versions	Flat / angle

— MATERIALS

Side strips	Aluminium, pre-drilled
Insert	Nitrile rubber
Insert colours	Black or grey
Aluminium standard	ASTM B221-02 / ASTM 6063

— PERFORMANCE DATA

Traffic	Slow vehicle / tyre traffic
Application	Interior carpark decks & ramps
Insert	Flexible, interchangeable
Detailing	Floor-to-floor & floor-to-wall

— INSTALLATION GUIDELINES

1. Clean and level the joint edges, removing debris and laitance from both slab faces
2. Position the pre-drilled aluminium side strips along each edge of the gap
3. Mark, drill and insert anchors through the pre-drilled holes into the slab
4. Fix the side strips securely, keeping the channel parallel and to correct width
5. Unroll the nitrile insert and cut it to the run length required
6. Press the nitrile insert firmly into the channel until it seats between the strips
7. Check the insert sits flush and trim any excess at terminations

— COMPLIANCE & CERTIFICATIONS

- ISO 9001:2015 certified manufacturing
- ISO 14001:2015 environmental management
- ISO 45001:2018 occupational health & safety
- Made in India by Dhawan Associates