

Dseal LoadMaster

Heavy Load · Floor-to-Floor

— PRODUCT OVERVIEW

Dseal LoadMaster is a heavy-load floor-to-floor expansion joint cover built for areas that carry vehicles all day. It bridges floor movement joints in car parks, warehouses and industrial slabs, absorbing thermal and structural movement while taking the repeated loading and braking forces of vehicular traffic on both pneumatic and solid tyres. LoadMaster is engineered as a cost-effective solution where durable vehicular performance matters more than a decorative finish. A stainless-steel plate option adds extra wear and corrosion resistance for the most demanding decks, while the floor-to-floor configuration keeps the surface even for safe vehicle movement.

— TECHNICAL SPECIFICATIONS

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

— DIMENSIONS

Joint type	Heavy-load floor-to-floor
Configuration	Level vehicular slab joint
Plate option	Stainless steel
Lengths	Supplied in standard sections

— MATERIALS

Frame	Extruded aluminium
Cover plate	Aluminium (stainless-steel option)
Fixings	Anchors rated for vehicular loading

— PERFORMANCE DATA

Traffic class	Vehicular (pneumatic & solid tyres)
Application	Parking garages, warehouses, industrial floors
Movement	Absorbs thermal & structural floor movement
Durability	Heavy-load, cost-effective construction

— INSTALLATION GUIDELINES

1. Clean and level both joint edges, removing concrete laitance, grout and debris from the joint and anchor zone.
2. Position the LoadMaster frame profiles along each edge, flush and level with the finished floor.
3. Mark, drill and fix the frames into the slab through their fixing holes using anchors rated for vehicular loading.
4. Confirm both sides are parallel and level with a consistent gap before final tightening.
5. Fit the cover plate (aluminium or optional stainless steel) into the frame along the full joint length.
6. Check the plate sits flush so vehicles transit without a lip, then clean the finished joint.

— COMPLIANCE & CERTIFICATIONS

- Aluminium profiles manufactured to ASTM B221-02 and ASTM 6063
- Manufacturer certified to ISO 9001:2015 (Quality)
- ISO 14001:2015 (Environment) & ISO 45001:2018 (OH&S)
- Manufactured by Dhawan Associates, India