

# Dseal SeismoGuard 100

Heavy-Duty All-Metal Floor Expansion Joint

## — PRODUCT OVERVIEW

Dseal SeismoGuard 100 is a solid, all-metal floor expansion joint cover engineered for floors that combine large movement with heavy traffic. It is built to be crossed by light fork-lift trucks and pallet trucks, bridging wide movement joints in industrial and logistics floors while carrying repeated wheel loading. An articulated telescoping system absorbs movement in three directions, while the striated all-metal surface gives excellent skid resistance and a symmetrical, gap-free visible surface that resists dirt build-up. SeismoGuard 100 is hard-wearing, maintenance-free and long-lasting, and is available in installation heights of 20, 35, 50 and 90 mm.

## — TECHNICAL SPECIFICATIONS

Joint width (max)	90 mm
Total movement	45 mm (+/-22.5 mm)
Visible width	113 mm
Total width	200 mm
Installation height	20 / 35 / 50 / 90 mm
Load bearing capacity	12 kN
Production length	4 m
Standard colour	Aluminium

## — DIMENSIONS

Joint width max.	90 mm
Total movement	45 mm (+/-22.5 mm)
Visible width	113 mm
Total width	200 mm
Installation height	20 / 35 / 50 / 90 mm
Production length	4 m

## — MATERIALS

Cover	Solid all-metal expansion joint cover
Surface	Striated, anti-skid, symmetrical gap-free finish
Mounting	MultiHole mounting bracket
Standard colour	Aluminium

## — PERFORMANCE DATA

Load bearing capacity	12 kN
Movement	+/-22.5 mm, absorbed in 3 directions
Traffic	Heavy - light fork-lift & pallet trucks
System	Articulated telescoping cover

## — INSTALLATION GUIDELINES

1. Clean and level both joint edges, removing concrete laitance, grout and debris from the joint and anchor zone.
2. Position the SeismoGuard 100 frame profiles along each edge, flush and level with the finished floor.
3. Mark, drill and secure the MultiHole mounting brackets into the slab using anchors rated for the traffic loading.
4. Confirm both sides are parallel and level with the correct joint gap before final tightening.
5. Fit the all-metal telescoping cover along the full joint length and check it transits flush for wheeled traffic.

## — COMPLIANCE & CERTIFICATIONS

- Solid all-metal construction - hard-wearing, maintenance-free and long-lasting
- Symmetrical visible surface without gaps prevents accumulation of dirt
- Manufactured by Dseal Solutions Private Limited - ISO 9001:2015, ISO 14001:2015, ISO 45001:2018
- Larger installation heights available on request; fixings specified per project