

# Dseal GalaxyJoint

Floor Cover · High Traffic

## — PRODUCT OVERVIEW

Dseal GalaxyJoint is a high-traffic floor expansion joint cover designed for the busiest public buildings, where dense pedestrian flow and heavy rolling loads meet at the floor joint. Its surface-mounted aluminium frame carries a serrated, slip-resistant top surface and tapered frames so wheels, trolleys and baggage carts roll across smoothly without snagging. GalaxyJoint accommodates joint gaps from 50 mm to 125 mm (2 3–5 3) with  $\pm 18\%$  thermal movement, while an integral microseal blocks debris and liquids from collecting in the joint. The system installs as a surface mount on both new and retrofit floors, making it ideal for upgrading existing high-footfall interiors.

## — TECHNICAL SPECIFICATIONS

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

## — DIMENSIONS

Joint gap range	50 mm – 125 mm (2 3–5 3)
Thermal movement	$\pm 18\%$ of joint width
Mounting	Surface mount (new / retrofit)
Surface	Serrated, slip-resistant

## — MATERIALS

Frame & cover	Extruded aluminium
Seal	Integral microseal
Finish	Mill-finish aluminium / serrated tread

## — PERFORMANCE DATA

Traffic class	High-frequency pedestrian & heavy rolling loads
Movement	$\pm 18\%$ thermal movement
Seal function	Blocks debris & liquids
Frame	Tapered for rolling-load transit

## — INSTALLATION GUIDELINES

1. Confirm the joint gap falls within the 50–125 mm range and clean both edges of laitance, grout and debris.
2. Set out the GalaxyJoint frames along each edge, checking they are parallel and level with the finished floor.
3. Mark, drill and surface-fix the frames into the slab using suitable anchors, working section by section.
4. Verify the tapered frames sit flush so rolling loads transit without a lip.
5. Fit the integral microseal and insert into the frame channels along the full joint length.
6. Press the serrated cover into position and confirm a continuous, slip-resistant surface.
7. Clean the finished joint and check movement clearance across the full run.

## — 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