

Dseal StarGuard

Floor-to-Floor · Cover System

— PRODUCT OVERVIEW

Dseal StarGuard is a floor-to-floor expansion joint cover system engineered to bridge interior movement joints with a clean, low-profile finish. Extruded from ASTM 6063 T6 aluminium, it provides a durable, corrosion-resistant transition across slab joints in shops, offices, lobbies and corridors where a discreet, walkable cover is required. StarGuard is built for interior commercial floors carrying foot and light rolling traffic, allowing the cover plate to flex and accommodate routine thermal and structural movement while staying flush with adjacent finishes. Its slim aluminium profile keeps the floor surface even and trip-free for everyday pedestrian use.

— TECHNICAL SPECIFICATIONS

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

— DIMENSIONS

Joint type	Floor-to-floor (level)
Profile	Low-profile aluminium cover and frame
Configuration	Surface-mounted interior floor joint
Lengths	Supplied in standard extrusion sections

— MATERIALS

Cover & frame	ASTM 6063 T6 aluminium
Finish	Mill-finish aluminium
Fixings	Anchors suited to slab and finish

— PERFORMANCE DATA

Traffic class	Foot & light rolling traffic
Application	Interior commercial floors
Movement	Absorbs thermal & structural floor movement
Profile	Low-profile, near-flush transition

— INSTALLATION GUIDELINES

1. Clean both joint edges, removing concrete laitance, grout and debris from the joint and anchor zone.
2. Position the StarGuard frame profiles along each edge so they sit flush and level with the finished floor.
3. Mark, drill and fix the profiles into the slab through the pre-drilled holes using suitable anchors.
4. Check that both sides are parallel and level with a consistent gap before final tightening.
5. Seat the aluminium cover plate into the frame along the full length of the joint.
6. Clean the finished joint and verify the cover sits flush with adjacent floor finishes.

— 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