

# Dseal DuraEdge Seal

Mechanical Floor Expansion Joint (ref. JDH 5.02)

## — PRODUCT OVERVIEW

Dseal DuraEdge Seal (reference JDH 5.02) is a mechanical floor expansion joint for interior and exterior applications, comprising pre-drilled aluminium side plates and an interchangeable flexible nitrile insert. It absorbs structural movement while presenting a clean, flush finish at the joint. Suitable for all floor finishes - ceramic and vitrified tiles, marble, natural stone, resin and flexible floors - DuraEdge Seal is available for joint gaps from 20 mm to 60 mm, in floor-to-floor and floor-to-wall configurations, with optional stainless-steel and brass caps for premium finishes.

## — TECHNICAL SPECIFICATIONS

Reference	JDH 5.02
Joint gap (W)	20 / 30 / 40 / 50 / 60 mm
Movement capacity	+/-3 mm to +/-10 mm (by gap size)
Materials	Aluminium side plates + nitrile insert
Insert colours	Black, grey

## — DIMENSIONS

Joint gap (W)	20 - 60 mm
Height (H)	15 - 50 mm
Visible width (S)	25 - 65 mm
Total width (B)	145 - 170 mm
Standard length	3 m

## — MATERIALS

Side plates	Extruded aluminium, pre-drilled
Insert	Interchangeable nitrile - black / grey
Cap options	Stainless steel / brass (luxury finish)

## — PERFORMANCE DATA

Movement	+/-3 / +/-7 / +/-10 mm by gap size
Traffic	Pedestrian
Configurations	Floor-to-floor, floor-to-wall (visible / invisible side plate)
Finishes	Tile, marble, natural stone, resin, flexible floors

## — INSTALLATION GUIDELINES

1. Clean and level both joint edges, removing all debris from the joint and anchor zone.
2. Position the pre-drilled aluminium side plates along each edge, flush and level with the finished floor.
3. Fix the side plates into the slab through the pre-drilled holes, working in 3 m sections.
4. Press the interchangeable nitrile insert firmly into the side-plate channels along the full length.
5. Hot-weld insert junctions at joints and transitions; trim neatly and clean the finished joint.

## — COMPLIANCE & CERTIFICATIONS

- Aluminium profiles manufactured to the ASTM 6063 specification
- Manufactured by Dhawan Associates - ISO 9001:2015, ISO 14001:2015, ISO 45001:2018
- Hot-welding recommended at insert junctions; fixings specified per project
- Installation video and method statement available on request