

Profile Details

The FR-08 is a recessed-mounted, all-aluminum expansion joint system developed for floor applications in industrial structures. Its robust design ensures strength, durability, and long service life under heavy-duty conditions.



Application

The FR-08 functions as a heavy-duty aluminum floor expansion joint cover, accommodating structural and thermal movements while maintaining a flush surface with surrounding finishes. Its high load resistance and rugged construction make it suitable for industrial facilities, warehouses, factories, workshops, and other heavy-load environments, where performance, safety, and durability are essential.

Material & Finish

The FR-08 is manufactured from high-grade aluminum alloy 6063-T6, in accordance with ASTM B-221/B-221M. It is available in mill, anodized, and brushed finishes, with optional powder coating to meet project specifications.

Compatibility

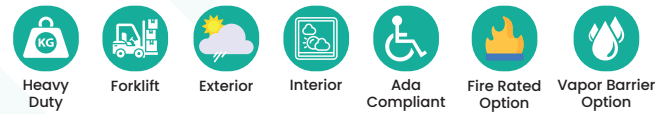
The FR-08 is designed for industrial floor finishes, including concrete and high-strength surface coatings. Its recessed design allows for flush integration into flooring systems in both new construction and retrofit industrial projects.

Optional Accessory

The FR-08 can be supplied with PVC or EPDM vapor barriers for additional moisture protection. Fire barriers (rope or blanket type) may also be incorporated if required for fire-rated projects.

Profile Guide

All Aluminum Recessed Mounted Expansion joint System
For flooring applications



Application	Joint Width (mm)	Fram Height (H) (mm)	Sightline (S) (mm)
FLOOR	100	50	140 (F)
	150	50	190 (F)

Materials Specifications

Chemical Composition 6063

Application	Si	Fe	Cu	Mn	Mg	Zn	Ti	Cr
Composition of 6063 as per ASTM B-221	0.2-0.6	0.35	0.1	0.1	0.45-0.9	0.1	0.1	0.1

Materials Specifications

Physical Properties 6063-T6

Specialties	Unit	Value
Density	gm/cm ³	2.71
Tensile Strength	MPA	206
Elongation in 2 inch or 50 mm	Percent	8%
Yield Strength	MPA	172

Materials Specifications

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