

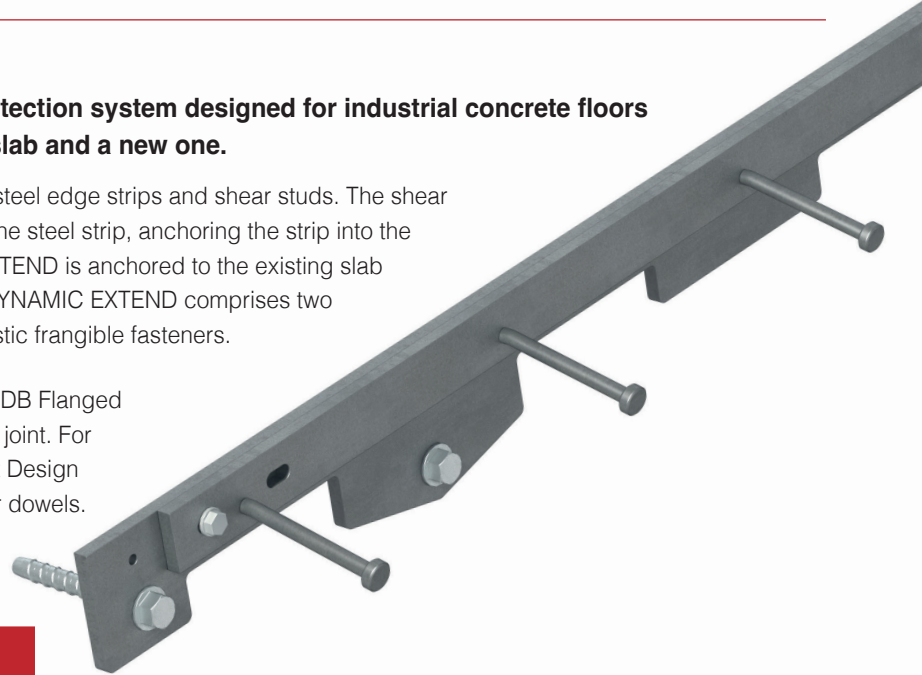
# ISEDIO DYNAMIC EXTEND

## Technical Datasheet

**Isedio DYNAMIC EXTEND is a durable edge protection system designed for industrial concrete floors that require a connection between an existing slab and a new one.**

Isedio DYNAMIC EXTEND comprises cold-drawn, mild steel edge strips and shear studs. The shear studs are factory drawn and arc-welded to one side of the steel strip, anchoring the strip into the top edge of the new concrete slab. Isedio DYNAMIC EXTEND is anchored to the existing slab utilising post-installed anchors supplied with the joint. DYNAMIC EXTEND comprises two back-to-back protector strips secured together with plastic frangible fasteners.

Isedio DYNAMIC EXTEND is compatible with Connolly FDB Flanged Dowel Boxes, ensuring efficient load transfer across the joint. For optimal results, it is recommended to consult with Leviat Design Engineers who can advise the best size and spacing for dowels.










### MATERIAL SPECIFICATION

Component	Material
Top Strips	Cold drawn steel to BS EN 10277-2:2008 (Can be supplied in stainless steel or hot dip galvanised)
Shear Studs	Mild steel dia 10mm x 100mm long to EN ISO 13918
Frangible Fastener	Nylon

### TECHNICAL DATA

Description	Dimensions & Tolerances
PROTECTOR STRIP length	2980mm +/- 2.0mm
Straightness	+/- 1mm in 1000mm
Product length	2980mm
Compatible with	Connolly FDB
Supplied with	M12x100 galvanised concrete screws
Dowel slot cutouts spacing	300mm



-  Easy Installation
-  TR34.4 Compliant
-  Load Transfer Through Plate Dowels
-  Arris Protection
-  Engineering Support
-  Safe Installation
-  Minimise Joint Maintenance Costs

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