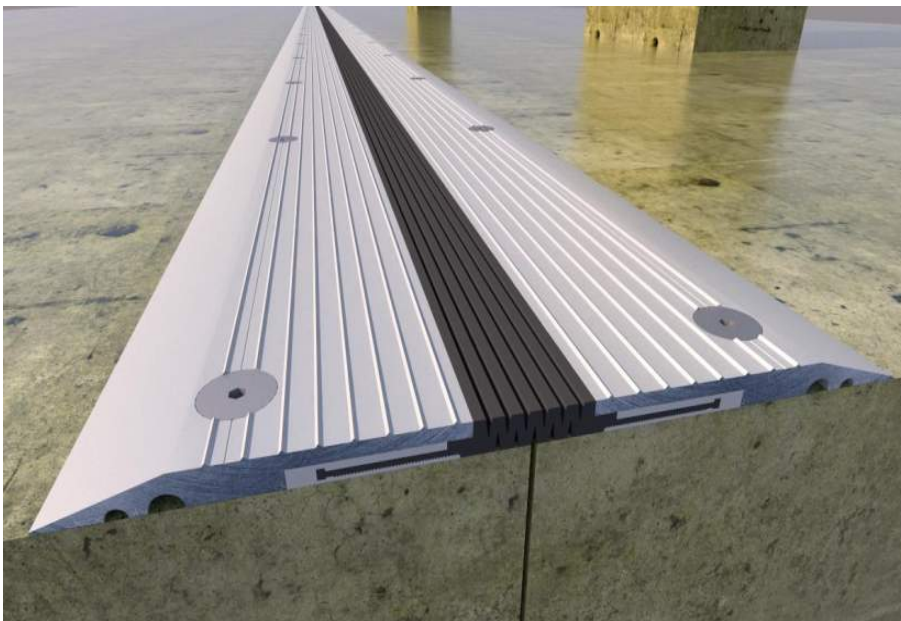


Brawny Coverplate EJs

Brawny-N/NC: The ByN/NC system has been developed for covering and sealing construction joints, temporary movement joints and small movement joints in concrete carpark floors. The ByN/NC uses a high-grade extruded synthetic rubber seal with design-properties for use on highways. Unlike similar thermoplastic seals, the ByN/NC seal has good bond strength, therefore adheres well to the substrate and when butt joining or mitring. ByN/NC can be installed quickly and efficiently. It can be used in carparks for Retail, Public buildings, Stadiums, Airports and other suspended or slab-on-ground structures. See ByN/AqP for large movement carpark EJs.



THE ART OF COVERPLATES

unison
JOINTS

ByN/NC

Indoor

Outdoor

Light Vehicle

Multi-directional

Performance

- Horizontal & Vertical Movement
- Surface & Flush Mounted
- UV Stable
- P4 Slip resistance tested to AS 4568
- Outstanding Chemical Resistance

Compatible Finishes

- Epoxy
- Concrete
- Polished/Burnished Concrete

Standard Length

4.8m

Standard Finish

Anodised Aluminium

Options

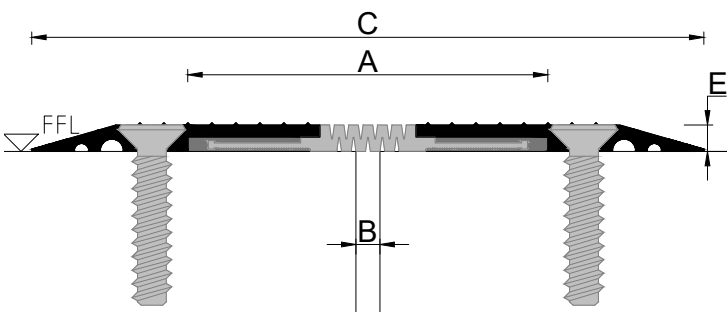
Clear Anodised

Fire Rating

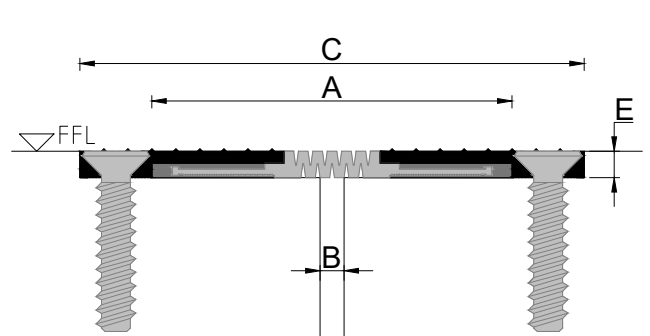
Third Party Engineered

Water Proof

ByN/NC Surface Mount:



ByN/NC Flush Mount:



Product	A: Rubber Seal		B: Gap				C: Exposed Width		
	Width	Thick	Min.	Mid.	Max.	Mvmt.	Min.	Mid.	Max.
ByN/NC Surface Mount	150	11	0	15	30	30	270	285	300
ByN/NC Flush Mount	150	11	0	15	30	30	200	215	230

Block Out: 11E

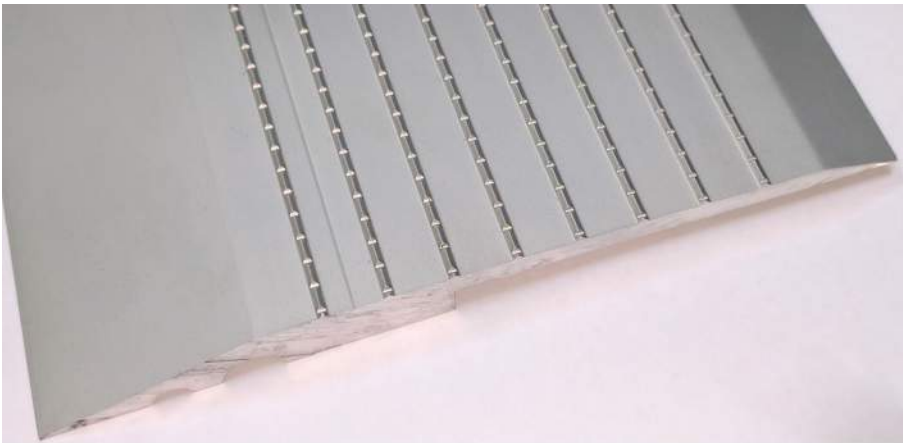
Page 1 of 2

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Brawny Coverplate EJs

Aluminium:

Grade: **6061 T6** Structural Grade Aluminium.
 Finish: 20 micron Clear anodise. Scratch resistance.
 Surface: Knurled surface for dry and wet slip resistance.
 Load Capacity: Conform to **AS1664.2**, **AS1170.0** and **AS1170.1**.



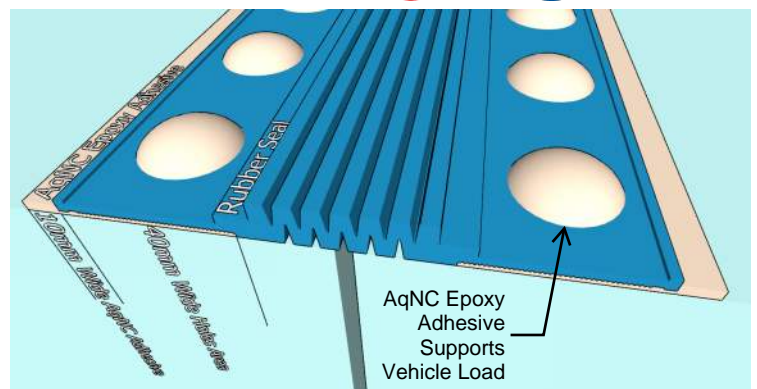
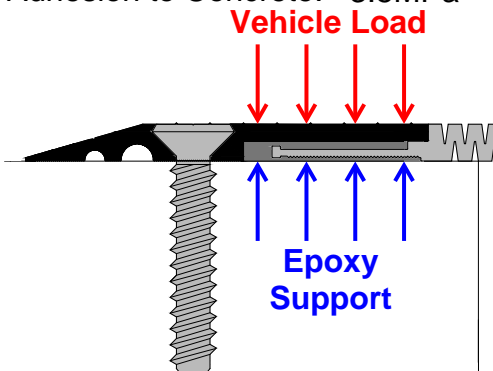
Fastener:

Material: High Tensile Boron Steel
 Finish: 20 micron Galvanised Coating.
 Features: Easy to fix and remove.
Less interference with reinforcement steel.
 Shear Strength: 55.7MPa (40MPa Concrete)
 Tension Strength: 21.9MPa (40MPa Concrete)
 Max. Torque Setting: 350Nm



Epoxy Adhesive:

Compressive Strength: 55MPa
 Tear Strength: 6MPa
 Flexural Strength: 22MPa
 Adhesion to Concrete: 3.5MPa



Unison's Brawny N Coverplate system has been 3rd party engineered to ensure it is structurally sound. Structural grade 6061 T6 anodised aluminium extrusions are combined with pockets of epoxy adhesive(support), which has a designed minimum compressive strength. This means that the cantilever extrusion design has adequate support for the harsh environment of commercial carpark traffic.



ByN/NC



Multi-directional



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