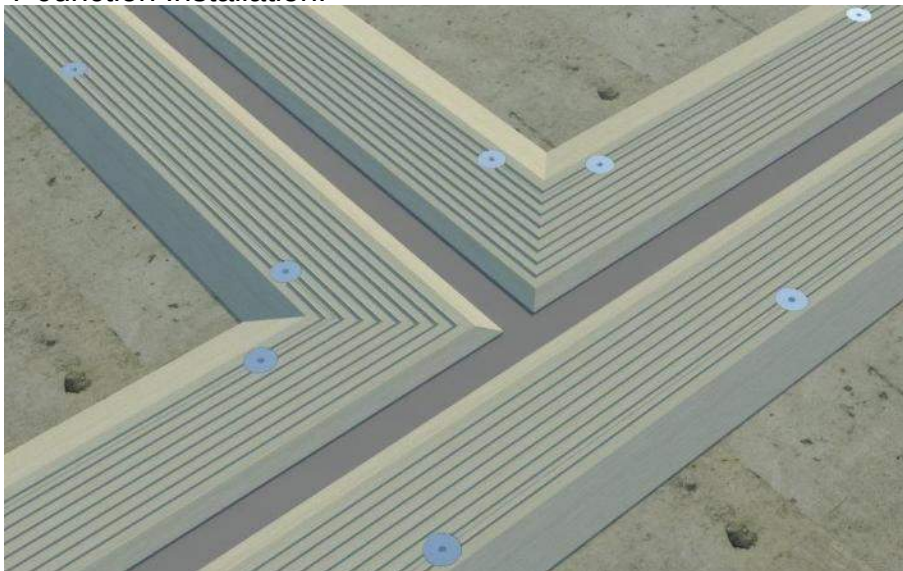


Brawny Coverplate EJs

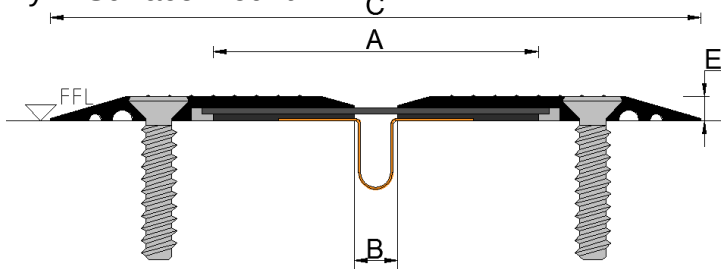
Brawny-N/Aquo-H: The ByN/AqH is an innovative carpark expansion joint system designed for retrofit to existing rooftop car parks. The ByN is designed as a platform over the AqH hypalon gland. This product is mounted to horizontal surfaces of the carpark. It is designed to negate preparation work to the inside of movement gaps in order to minimise potential disruption to the operating building-space below.



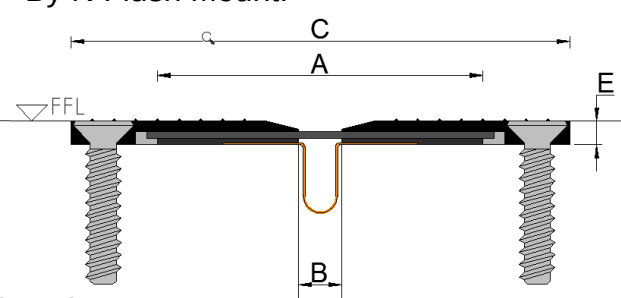
T-Junction Installation:



By N Surface Mount:



By N Flush Mount:



***Refer to AqH Product Data Sheet for water seal sizing information.**

Product	A: Plate		B: Gap				C: Exposed Width		
	Width	Thick	Min.	Mid.	Max.	Mvmt.	Min.	Mid.	Max.
By150N/AqH	130	3	10	33	55	45	280	303	325
By150NF/AqH	130	3	10	33	55	45	210	233	255

Block Out: 11E

Page 1 of 2

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THE ART OF COVERPLATES



unison®

JOINTS

ByN/AqH

Indoor

Outdoor

Light Vehicle

Multi-directional

Performance

Horizontal & Vertical Movement
Surface & Flush Mounted
High Capacity
P4 Slip resistance tested to AS 4586

Compatible Finishes

Epoxy
Concrete
Polished/Burnished Concrete

Standard Length

4.8m

Standard Finish

Anodised Aluminium

Options

Clear Anodised

CI

Fire Rating

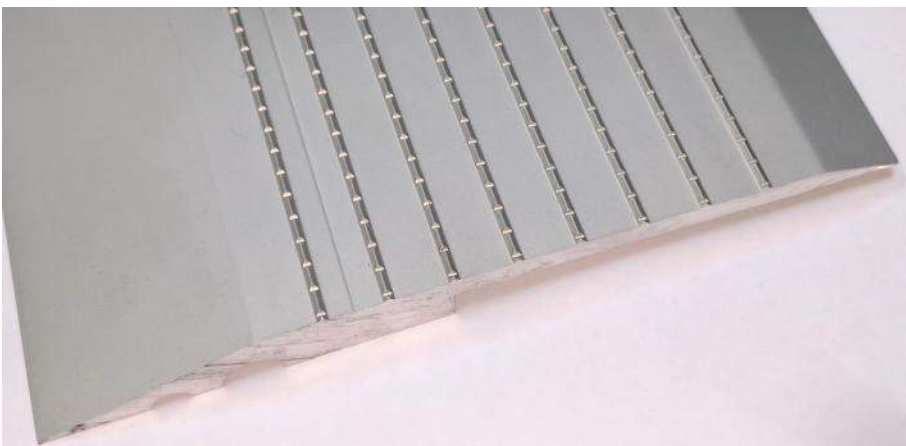
Water Proof

Third Party Engineered

Brawny Coverplate EJs

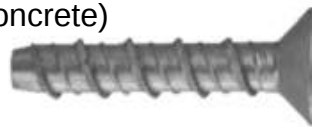
Aluminium:

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**.



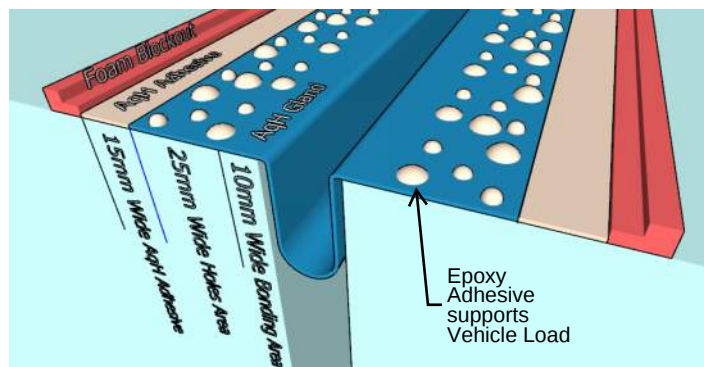
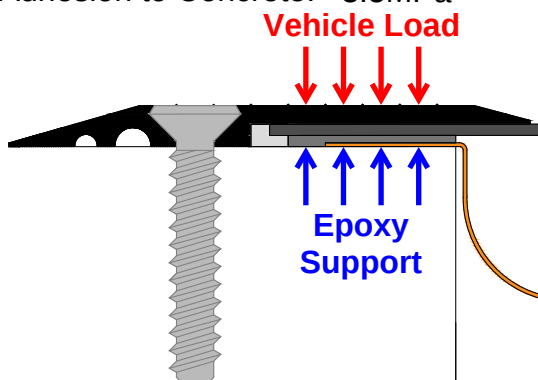
Fastener:

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



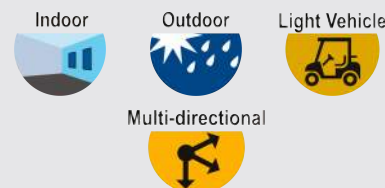
Unison's Brawny N Coverplate system has been 3rd party engineered to ensure it is structurally sound. Structural grade 6061 T6 anodised aluminium extrusions are combined with a continuous epoxy adhesive(support), which has an engineered minimum compressive strength. This means that the cantilever extrusion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

Page 2 of 2

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ByN/AqH



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 Surface & Flush Mounted
 High Capacity
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