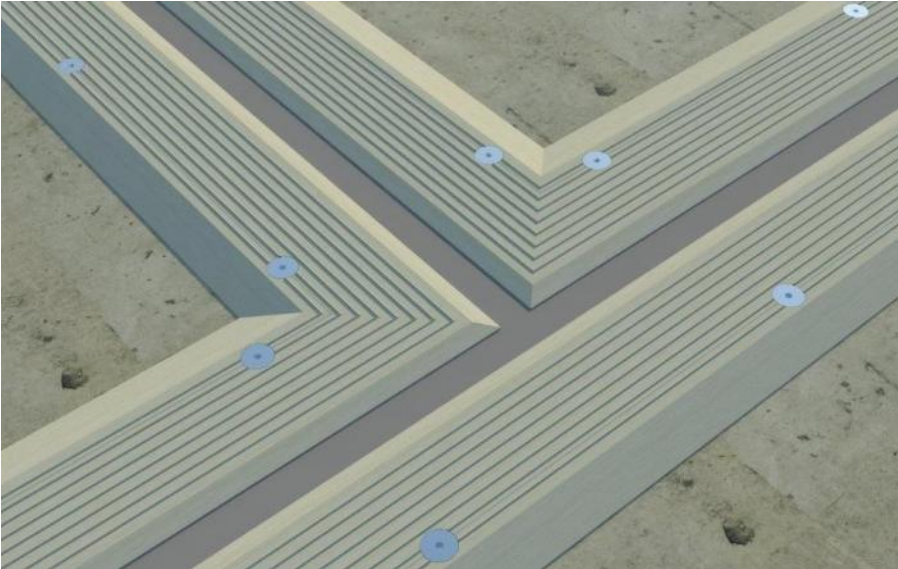


# Brawny Coverplate EJs

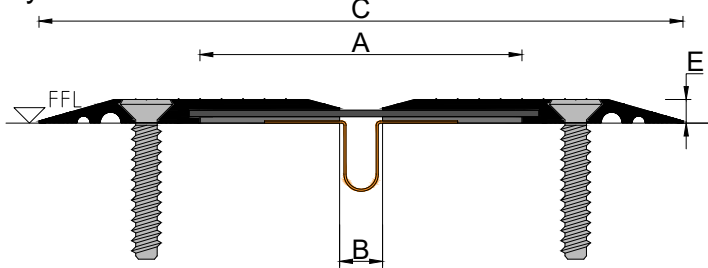
**Brawny-N/Aquo-H:** The ByN AqH is an innovative carpark expansion joint system designed for retrofit to existing rooftop carpark. The ByN is designed as a platform over the AquoH(Uniseal HP) hypalon gland. This product is mounted to horizontal surfaces of the carpark. It is designed to negate preparation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



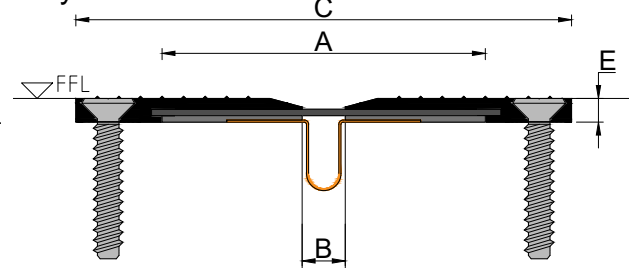
## T-Junction Installation:



## By N Surface Mount:



## By N Flush Mount:



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

Product	A: Rubber Pad		B: Gap			Mvmt.	C: Exposed Width		
	Width	Thick	Min.	Mid.	Max.		Min.	Mid.	Max.
By150N Surface Mount	150	6	40	75	110	70	280	315	350
By150N Flush Mount	150	6	40	75	110	70	210	245	280

**Block Out: 11E**

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## ByN/AqH



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



Fire Rating



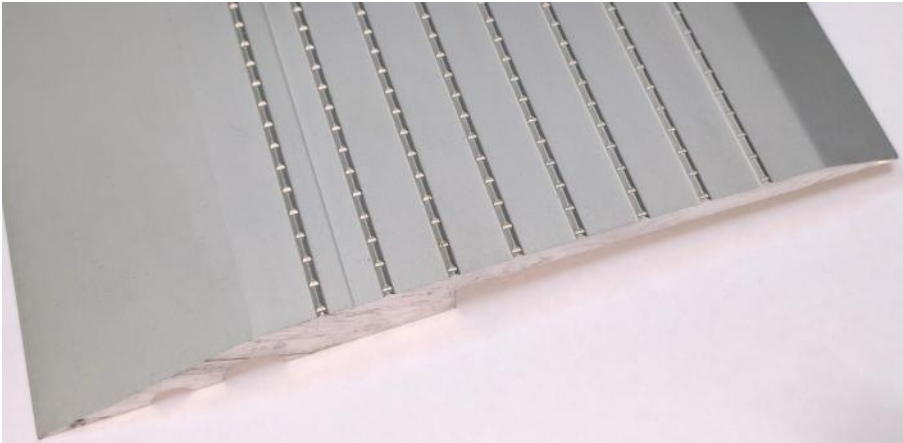
Water Proof



# Brawny Coverplate EJs

## Aluminium:

Grade: **6061 T6** Structural Grade Aluminium.  
 Finish: 20 micron Clear anodise. Scratch resistance. Surface easy to clean and no white rust.  
 Surface: Knurled surface for dry and wet slip resistance. Conforms to AS 4586 **Class D1** and **Class P4**.  
 Load Capacity: Conform to **AS1664.2**, **AS1170.0** and **AS1170.1**.



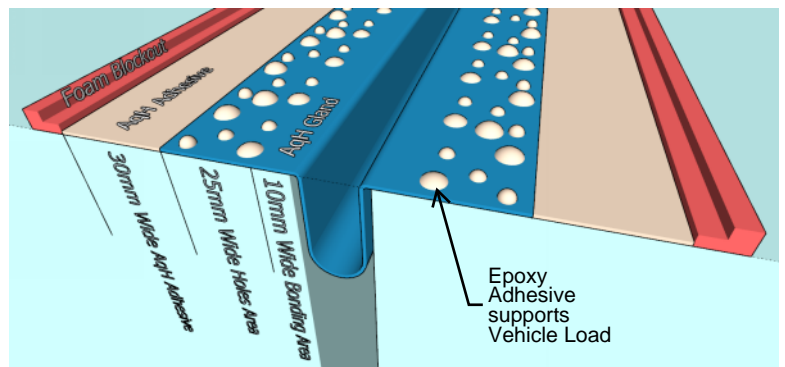
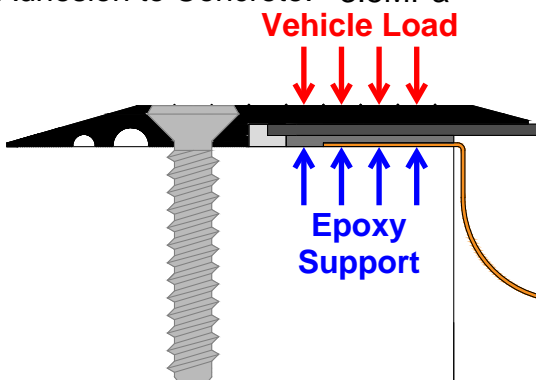
## Fastener:

Material: High Tensile Boron Steel  
 Finish: 20 micron Galvanised Coating.  
 Features: Easy to fix and remove. **Less interference** with reinforcement.  
 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.

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## ByN/AqH



## 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

