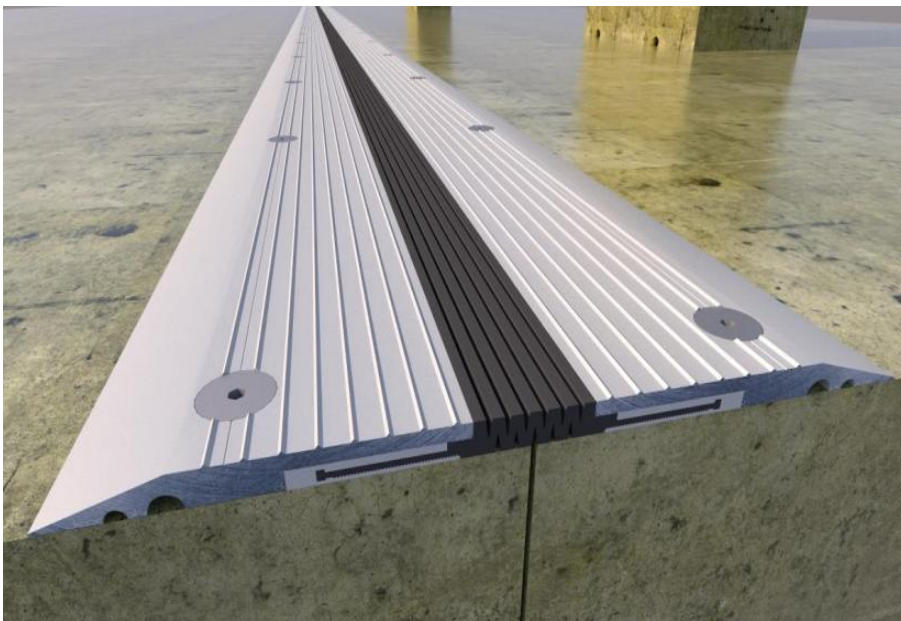


# Brawny Coverplate EJs

**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.



## ByN/NC



### 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

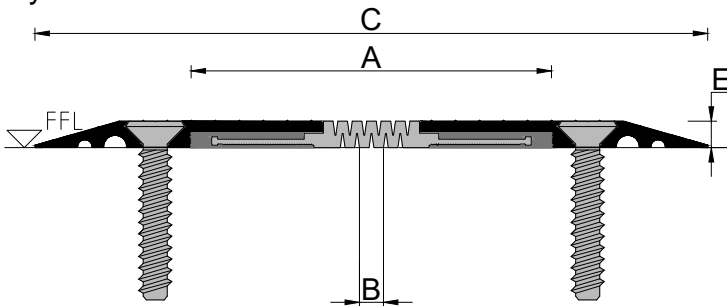
### Standard Finish

Anodised Aluminium

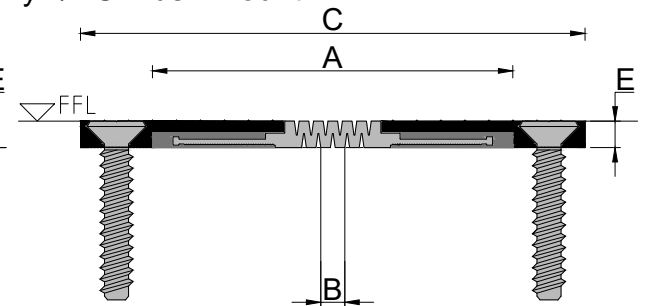
### Options



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

Disclaimer: All design rights reserved. Design and specifications are subject to change without notice. The manufacturer does not accept liability where the material on these pages is misconceived, exploited, or lacks conformity. The intention of this information is to provide a reasonable description of products, procedures and capabilities. Rev.1

# 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**.



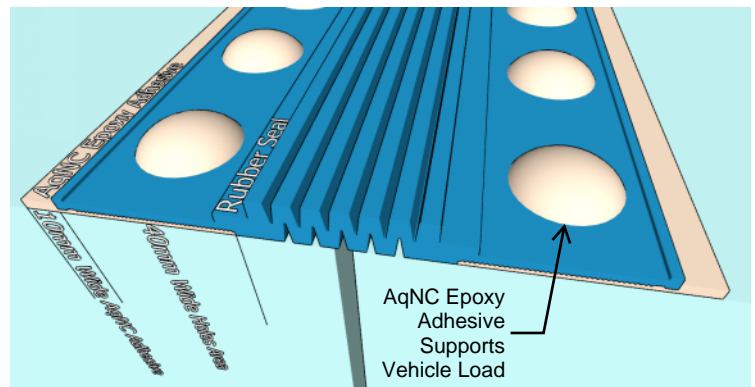
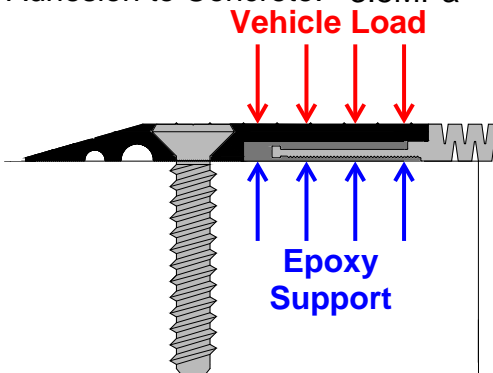
## Fastener:

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)



## 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

Disclaimer: All design rights reserved. Design and specifications are subject to change without notice. The manufacturer does not accept liability where the material on these pages is misconceived, exploited, or lacks conformity. The intention of this information is to provide a reasonable description of products, procedures and capabilities. Rev.1



## ByN/NC



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

