

# Armourstrip

**DCS** DURABLE  
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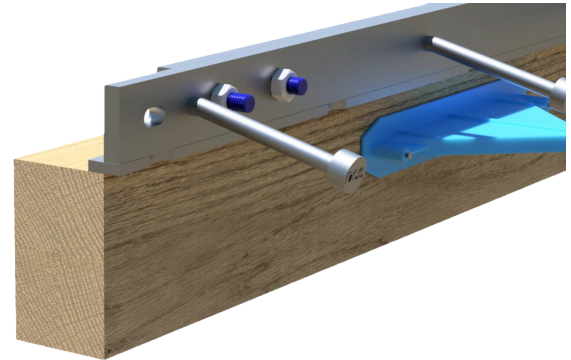
## LEAVE-IN-PLACE JOINT EDGE PROTECTION

## TECHNICAL DATA SHEET

DCS ARMOURSTRIP is a leave-in-place edge protection system for heavy-duty industrial concrete floors.

DCS ARMOURSTRIP consists of two cold-drawn mild steel edge strips set back to back, held together with frangible plastic bolts and fitted with studs. One of the side strips has an ARMOURSTRIP FILL STOPPER welded to it. The FILL STOPPER gives the joint filler better support and avoids relying on adhesion to the joint edges when the joint is filled as the slabs shrink. This allows a more accurate estimate of the filler required and a more stable fill.

The shear studs are factory drawn-arc welded to one side of the steel strip and anchor the strip into the top edge of the concrete slab.



**Fill Stopper**

Timber formwork (not included) is used to form the perimeter of the slab panel and contain the concrete during the pour. The protective strips are fixed to the top of the timber form with the special fixing brackets included in the installation kit. Concrete is placed up to the top edges of the ARMOURSTRIP.

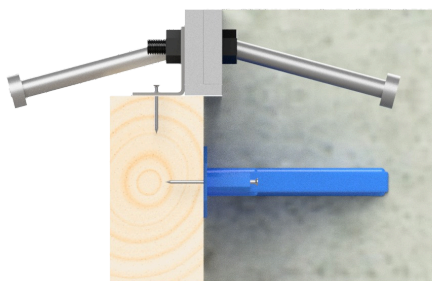
### Material specification

| Component                          | Material                                                                                                                               |
|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| <b>Top strips and Fill Stopper</b> | Cold-drawn steel to BS EN 10277:2008 (also available in stainless steel or hot-dip galvanized), nominally 1-9/16 × 3/8 in (40 × 10 mm) |
| <b>Studs</b>                       | Mild steel, 3/8 in diameter × 4 in long, to EN ISO 13918                                                                               |
| <b>Frangible fastener</b>          | Nylon                                                                                                                                  |

### Technical description

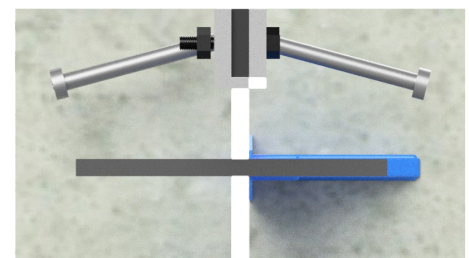
| Description               | Dimensions and tolerances                    |
|---------------------------|----------------------------------------------|
| <b>Armourstrip length</b> | 9 ft 10 in (3 m)                             |
| <b>Flatness</b>           | ± 3/64 in over 3 in (± 1.19 mm over 76.2 mm) |
| <b>Splice</b>             | ≥ 3/16 in (≥ 5 mm)                           |
| <b>Height</b>             | 1-9/16 in ± 1/16 in (40 mm ± 2 mm)           |

Imperial values are converted from metric and rounded to the nearest 1/16 in unless shown otherwise. Metric dimensions govern.



**with DCS  
Dowel Pocket**

**with DCS Plate  
Dowel System**



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