

U shaped metal dowel bar cover for square dowel bars

Uses

Metal dowel bar cover system used at joints in concrete where there is a need to transfer vertical loads across the joint, metal dowel covers are used in conjunction with square dowel bars. Metal dowel covers allow square dowel bars to move both parallel and perpendicular to the concrete joint as the concrete slab shrinks during curing.

Advantages

- Ideal for use with large size square dowels
- Can be substituted for Dowelmaster sleeves at construction joints
- For use with black or galvanised dowels
- Sleeve sizes to suit 16 mm, 20 mm and 25 mm square dowels
- Non standard sizes can be made up on request
- Square dowels available to suit 16 mm, 20 mm, and 25 mm dowel cover
- Metal dowel cover can be supplied on dowel cradles as a special order

Description

Metal dowel covers are a "U" shaped galvanised section with a closed cell foam attached on the two vertical faces, the cover is turned upside down and placed down over the top of the square dowel bar. The Metal dowel cover is normally installed just before the second concrete pour.

Metal dowel covers are normally used with square dowel bars in situations where slab shrinkage parallel to the joint is expected to be greater than the +/- 5 mm allowed by Dowelmaster sleeves.

Estimating

All sizes are available in boxes of 100 units per box

16 mm x 200 mm, 16 mm x 250 mm, 16 mm x 300 mm

20 mm x 200 mm, 20 mm x 250 mm, 20 mm x 300 mm

25 mm x 200 mm, 25 mm x 250 mm, 25 mm x 300 mm

Dowel Bars

A range of dowel bars are available in round or square, black or galvanised. Please contact your nearest Parchem office for details.

Application Instructions

After the first pour of concrete the formboards are stripped and the square dowel bar is inserted into the concrete, at this stage half of the dowel bar will be inside the concrete leaving the other half of the dowel bar protruding out of the concrete. The metal dowel bar cover is placed over the square dowel bar ready for the second pour of concrete.



Metal Dowel Covers

Important notice

A Safety Data Sheet (SDS) and Technical Data Sheet (TDS) are available from the Parchem website or upon request from the nearest Parchem sales office. Read the SDS and TDS carefully prior to use as application or performance data may change from time to time. In emergency, contact any Poisons Information Centre (phone 13 11 26 within Australia) or a doctor for advice.

Product disclaimer

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