

Universal Dowel Sleeve Round 12mm x 150mm

Product Images



Short Description

Round sleeve 12mm x 150mm

Description

Full length dowel sleeves suitable for a wide variety of jointing applications. Available for round or square dowels.

Features and Benefits

- Full length sleeve ensures no concrete to dowel bonding
- Provision for longitudinal expansion in the ends of all sleeves
- Rectangular sleeves for square dowels allow for lateral expansion
- Injection moulded for accurate tolerances and maximum straightness
- Stiffening ribs to minimise distortion
- Simply twist & turn into knock-outs in Key Joint
- Can be used as a face fixing sleeve on conventional timber or steel formwork
- Can be used as part of a dowel cradle or basket
- Length can be trimmed to suit any dowel length
- Support leg/stand allows extra support to ensure correct alignment is maintained during pour
- Unique end closure prevents slurry entering around square dowels
- Legs can be easily snapped off for height adjustment
- Complete with Face Fix Plates

Installation

For use with Connolly Key Joint

Remove the pre punched "knock outs" (at 150mm centres if required) with a firm sharp blow using one of the supplied pegs.

Position sleeve with support leg horizontal to ground, so sleeve flange fits into key joint knockout holes. Push sleeve firmly against steel backing and twist 90 degrees to secure key joint.

Insert dowels into the sleeves and place the reinforcing mesh. Chair the mesh to provide clearance to the dowels. Walking on the mesh should not affect the alignment of the dowels.

Pour concrete to both sides of the joint and finish to the top of the key joint.

For use at Construction Joints

Flick a chalk line along the form board at the centre of the slab thickness. Nail the face fixing caps onto the form board with the supplied nails. Insert sleeves onto the fixing caps prior to pouring the concrete. To make the job easier the sleeves can be installed after the reinforcement has been laid and chaired. The face fixing caps can also be screwed to steel formwork using self drilling screws.

When concrete has hardened, the form board can be stripped to expose the open end of the sleeves. The face fixing caps remain in place ready for preparation of the next slab.

Insert the appropriate dowels into the sleeves as the next pour is being prepared. To eliminate tripping, the dowels can be installed after the groundwork has been completed for the adjacent pour.

For use with Saw Cut Joints

If desired, Connolly Universal Dowel Sleeves can be used as part of a ready made dowel assembly.

For a more economical and simple alternative the sleeves can be used in combination with Connolly Truline Dowel Caps to form a simple dowel assembly. Both the sleeves and the caps simply clip onto chaired R10 or Y12 support bars.

Ideal for any and all continuous pour applications where the need for expansion is required. Note that the 12mm sleeves can also be nailed to timber formwork for use at construction joints.

Specifications

| Product Code | 40-UDS16R230 | 40-UDS16SQ230 | 40-UDS20R230 | 40-UDS20SQ230 | 40-UDS24R225 | 40-UDS12R150 |
|-----------------------|------------------|------------------|------------------|------------------|------------------|----------------|
| Dowel Shape | Round | Square | Round | Square | Round | Round |
| Dowel Size | 16 mm diameter | 16 mm x 16 mm | 20 mm diameter | 20 mm x 20 mm | 24 mm diameter | 12 mm diameter |
| Sleeve & Cap Material | Polypropylene | Polypropylene | Polypropylene | Polypropylene | Polypropylene | Polypropylene |
| Dowel Lengths | 400 mm to 600 mm | 400 mm to 600 mm | 400 mm to 600 mm | 400 mm to 600 mm | 400 mm to 450 mm | 300 mm |
| Sleeve Length | 230mm | 230mm | 230mm | 230mm | 225mm | 150 mm |
| End Expansion | Yes=18mm | Yes=18mm | Yes=18mm | Yes=18mm | Yes=12mm | Yes=13mm |
| Lateral Expansion | No | Yes=6mm | No | Yes=6mm | No | No |
| Colour | Pink | Green | Blue | Yellow | Brown | Green |
| Support Leg | Yes | Yes | Yes | Yes | Yes | Yes |

Please contact Jaybro for a quote on your specific project.

Additional Information

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|--------|--------------|
| CODE | 40-UDS12R150 |
| Type | Round |
| Brand | Connolly |
| Size | 12 mm |
| Length | 150 mm |

