AUS & NZ | ISSUE 2023

DANLEY™

Load Transfer System
Industrial slab on Ground

Speed Sleeve™

Product Guide

Refer to the back of this booklet for contact information.

Speed Sleeve™

Product Description

Speed Sleeves are used with round dowels to eliminate the need for drilling formwork and greasing Dowels. Approved by engineers, Speed Sleeve™ minimises vertical movement at joints reducing damage and is quick and easy to use. Suitable for Black, Galvanised or Stainless Steel Dowels.

They are ideal for construction joints in ground slabs and are available in 16mm, 20mm, 24mm and 33mm standard sizes. The Speed Sleeve™ nails to wooden form boards with an optional nailing plate, or can be placed on existing/epoxied dowels before the second pour.

Product Features

- Eliminates the need for drilling form boards.
- No need for grease or other de-bonding agents.
- Minimises vertical movement at joints.
- Reduces damage at joints.
- Easy and quick to use.
- Suitable for black, galvanised and stainless steel friction cut dowels.
- Available for 16mm, 20mm , 24mm and 33mm diameter round dowels.
- Standard lengths of 240mm and 310mm to suit 400mm and 600mm long dowels.

Installation

- Choose the appropriate Speed Sleeve™ size for your dowels.
- Slide the Speed Sleeve™ onto the dowel.
- Nail it to wooden form boards or place it on existing/epoxied dowels before the second pour.
- No need for drilling or greasing.

Applications

- Industrial, Commercial and Civil flooring applications. Concrete slab-on-ground roadways & pavements.

Simplifying Construction Joints - No Drilling, No Grease, Just Efficiency!

Speed Sleeve™ & Nail Plates

Part	Description	UOM	Pack Qty	Weight (kg)
DWLSPDSLV16X240	Dowel Speed Sleeve™ 16mm x 240mm	EA	100	6
DWLSPDSLV16X310	Dowel Speed Sleeve™ 16mm x 310mm	EA	100	7
DWLSPDSLV20X240	Dowel Speed Sleeve™ 20mm x 240mm	EA	100	8
DWLSPDSLV20X310	Dowel Speed Sleeve™ 20mm x 310mm	EA	100	10
DWLSPDSLV24X240	Dowel Speed Sleeve™ 24mm x 240mm	EA	100	8
DWLSPDSLV24X310	Dowel Speed Sleeve™ 24mm x 310mm	EA	100	10
DWLSPDSLV33X240	Dowel Speed Sleeve™ 33mm x 240mm	EA	50	10
DWLSPDSLV33X310	Dowel Speed Sleeve™ 33mm x 310mm	EA	50	12
DWLSPDSLVNAIL16	Dowel Speed Sleeve™ Nailing Plate 16mm - Green	EA	100	2
DWLSPDSLVNAIL20	Dowel Speed Sleeve™ Nailing Plate 20mm - Red	EA	100	3
DWLSPDSLVNAIL24	Dowel Speed Sleeve™ Nailing Plate 24mm - Brown	EA	100	3
DWLSPDSLVNAIL33	Dowel Speed Sleeve™ Nailing Plate 33mm - Blue	EA	50	3

Speed Sleeve™:

- Suitable for round dowels only.
- Available for 16, 20 , 24 and 33mm diameter round dowels.
- Standard lengths of 240 and 310 to suit 450 and 600mm long dowels.
- Speed Sleeve Nailing Plate sold separately.

Product Compliance

Compliance statement

Danley™ Speed Sleeve™ complies with the New Zealand Building Code clauses identified below.

Compliance details: NZBC

NZBC Clause	Criteria	Compliance Status
B1 Structure		
B1.3.1	Buildings, building elements and sitework shall have a low probability of rupturing, becoming unstable, losing equilibrium, or collapsing during construction or alteration and throughout their lives.	✓
B1.3.2	Buildings, building elements and sitework shall have a low probability of causing loss of amenity through undue deformation, vibratory response, degradation, or other physical characteristics throughout their lives, or during construction or alteration when the building is in use.	✓
B1.3.3	Account shall be taken of all physical conditions likely to affect the stability of buildings, building elements and sitework, including: (b) imposed gravity loads arising from use (d) earth pressure (c) temperature (j) impact (m) differential movement (p) equipment, services, non-structural elements and contents (q) time dependent effects including creep and shrinkage.	✓
B1.3.4	Due allowances shall be made for: a. the consequences of failure, b. the intended use of the building, c. effects of uncertainties resulting from construction activities, or the sequence in which construction activities occur, d. variation in the properties of materials and the characteristics of the site, and e. accuracy limitations inherent in the methods used to predict the stability of buildings.	✓
B2 Durability		
B2.3.1	Building elements must, with only normal maintenance, continue to satisfy the performance requirements of this code for the lesser of the specified intended life of the building, if stated, or: (a) the life of the building, being not less than 50 years, if: i. those building elements (including floors, walls, and fixings) provide structural stability to the building, or ii. those building elements are difficult to access or replace, or iii. failure of those building elements to comply with the building code would go undetected during both normal use and maintenance of the building.	✓
B2.3.2	Individual building elements which are components of a building system and are difficult to access or replace must either: (a) All have the same durability, or (b) Be installed in a manner that permits the replacement of building elements of lesser durability without removing building elements that have greater durability and are not specifically designed for removal and replacement.	✓

Customer Service

Danley™ Australia
Tel: 1300 780 250
Email: sales@itwcsanz.com
Web: www.danley.com.au

Danley™ New Zealand
Tel: 0800 88 22 12
Email: sales@ramsetreid.co.nz
Web: www.danley.co.nz

Reid™ Construction Systems (RCS)
AUS: 1 Ramset Drive, Chirnside Park, Victoria, Australia, 3116
NZ: 23-29 Poland Road, Glenfield, Auckland 0632

Information in this document is correct at the time of printing. Readers should contact RCS or consult RCS detailed technical information to ensure product is suitable for intended use prior to purchase. ITW Australia Pty Ltd ABN 63 004 235 063 trading as RCS © copyright 2023. ™ Trademarks of Cetram Pty. Ltd. Used under license by RCS

Important Disclaimer: Any engineering information or advice ("Information") provided by RCS in this document is issued in accordance with a prescribed standard, published performance data or design software. It is the responsibility of the user to obtain its own independent engineering (or other) advice to assess the suitability of the Information for its own requirements. To the extent permitted by law, RCS will not be liable to the recipient or any third party for any direct or indirect loss or liability arising out of, or in connection with, the Information.
None of the products listed in this document are subject to a warning or ban under the Building Act 2004.