

May | 2023

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Danley™ Diamond™ Dowel AirEx™

The next generation of the iconic Danley™ Diamond™ Dowel has arrived...

Pack Sizes:

- There are no changes to Trade Pack quantities.
- Bulk Packs are changing from 500 pieces to 300 pieces.

Product Codes:

There are new, simplified product codes. Please refer to the table provided below.

New Code	Replaces	Description	Pack Size
DD06B	DDSLPL06X110B	DIAMOND DOWEL 6MM BLK TRADE	25
DD06BPK	DDSLPL06X110BPK	DIAMOND DOWEL 6MM BLK BULK	300
DD06G	DDSLPL06X110G	DIAMOND DOWEL 6MM GAL TRADE	25
DD06GPK	DDSLPL06X110GPK	DIAMOND DOWEL 6MM GAL BULK	300
DD06S	DDSLPL06X110S	DIAMOND DOWEL 6MM SS EA	1*
DD10B	DDSLPL10X110B	DIAMOND DOWEL 10MM BLK TRADE	15
DD10BPK	DDSLPL10X110BPK	DIAMOND DOWEL 10MM BLK BULK	300
DD10G	DDSLPL10X110G	DIAMOND DOWEL 10MM GAL TRADE	15
DD10GPK	DDSLPL10X110GPK	DIAMOND DOWEL 10MM GAL BULK	300
DD10S	DDSLPL10X110S	DIAMOND DOWEL 10MM SS EA	1*
DD20G	DDSLPL20G	DIAMOND DOWEL 20MM GAL TRADE	7

* Stainless Steel Diamond™ Dowel AirEx™ sold individually. (1 unit = includes both the dowel & sleeve).



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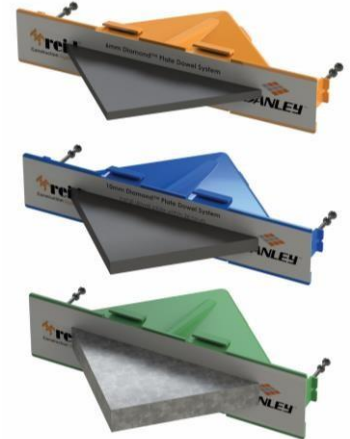
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What is Diamond Dowel AirEx?

The Danley Diamond Dowel has been the Australian construction industry's benchmark Plate & Sleeve Load Transfer System for slab-on-ground construction joints for over a decade. So, why the new Diamond Dowel AirEx? The next generation of Diamond Dowels will deliver improved joint performance, reliability and service ability to a range of slab-on-ground flooring and pavement applications. The new and patented Diamond Dowel AirEx Load Transfer System offers industry stakeholders a host of features, advantages and performance benefits that are unrivaled.

How is Diamond Dowel AirEx Different?

- **Air Expelling design!** The tapered profile enables best in class concrete flow and compaction around the sleeve, expelling air bubbles and improving structural integrity around the joint.
- **Unmatched Performance in Load Transfer!** The newly offset Diamond Dowel allows for the active cross-sectional area of the dowel plate to increase for the first 4mm of joint movement, moving back to starting point for the next 4mm and being stronger at the final joint opening.
- **Expansion Improvements!** Diamond Dowel AirEx allows for 10mm lateral movement at either side of the dowel at 0mm joint gap width, increasing up to 30mm at a 20mm joint gap. AirEx also provides up to 10mm of thermal expansion of concrete.
- **No more crushed sleeves!** The robust Central Bracing feature and the AirEx Insert work in tandem to improve the sleeve rigidity and reduces the likelihood of crushing during installation and concrete delivery.
- **Installation and Stripping is a breeze!** With all new alignment markers, dowel insertion assistance makes AirEx fast and simple to install on timber formboards. Likewise, the integral Recessed Nailing Feature ensures AirEx sleeves are locked into the concrete and stay in place when the timber formboards are stripped.
- **Waterproof protection!** The updated plastic labels offer additional peace of mind.
- **Eye-catching packaging!** Never mix-up Diamond Dowel AirEx sizes again with colour coded packaging.



When will this change occur?

Diamond Dowel AirEx will soon replace all current Diamond Dowels. As the inventory of current lines is depleted, the new AirEx range will take its place. Transition from old Diamond Dowel to new AirEx will occur through **May and early June** as the inventory for each size is drawn down. RCS will notify customers as the transitions are finalised for each size. Any orders placed for exhausted Diamond Dowel products will trigger a substitution flag, notifying you of the stock depletion has occurred and future orders will be filled with the new generation Diamond Dowel AirEx.