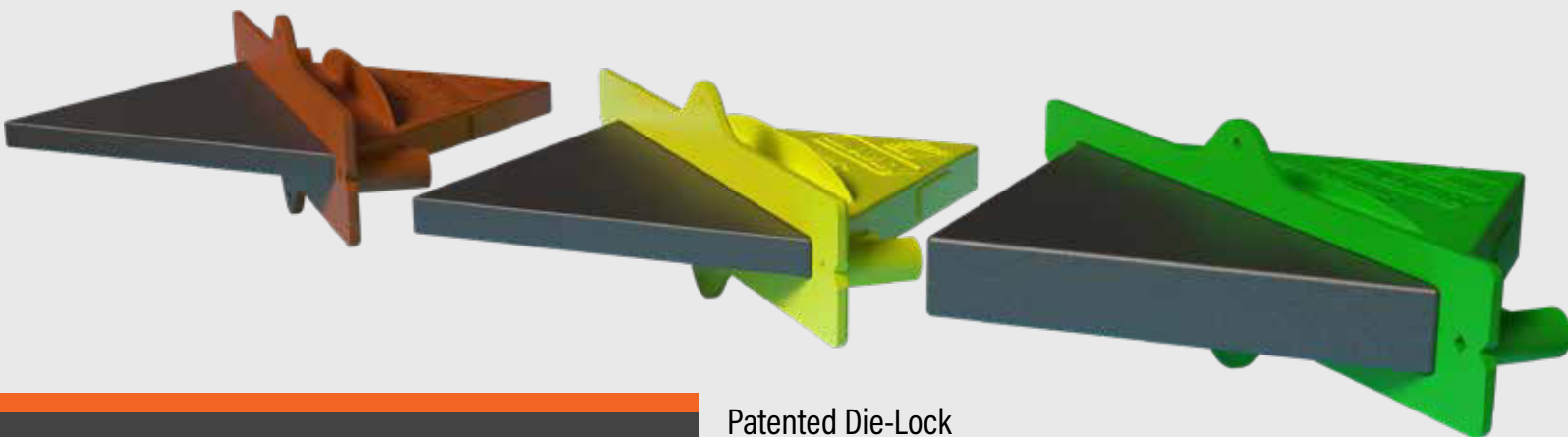
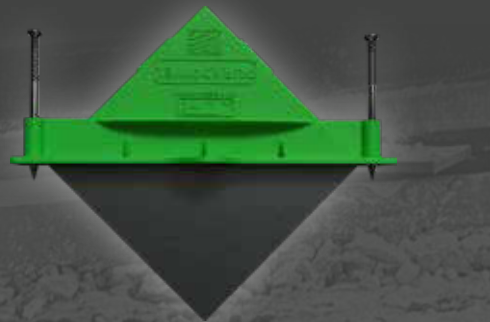


DURA•DOWEL®

POCKET FORMING SYSTEM



THE SUPERIOR DOWEL SYSTEM

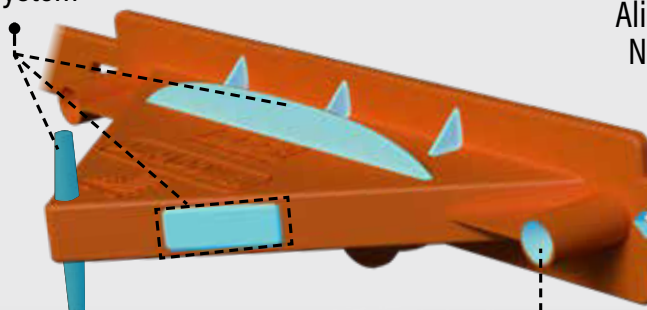
The unique diamond-shaped design of the DuraDowel ensures joint stability, effective load transfer, and a seamless transition between adjacent slabs—while still allowing natural floor movement.

This system simplifies dowel placement, eliminates the need for drilling into slab edges, and helps reduce labor time and costs across a wide range of ground-level concrete applications, including industrial floors, flatwork, and pavements.

Before the concrete is poured, the plastic sleeve is securely fastened to the edge form. Once the concrete has cured and the forms are removed, the adjoining slab can be placed, typically within 24 hours, by inserting the steel dowels into the pre-set sleeves.

Patented Die-Lock System

Alignment Notches



PATENTED DIE-LOCK SYSTEM

Tapered Quick-Insert nail sleeves

Part #	Description	Color
DD14SL	1/4" ORANGE SLEEVE	ORANGE
DD38SL	3/8" YELLOW SLEEVE	YELLOW
DD34SL	3/4" GREEN SLEEVE	GREEN

1/4"



DURA•DOWEL

ORANGE

1/4" (6 mm) – Typically used in 5" - 6.5" slab depths
U.S. Patent Pending

3/8"



DURA•DOWEL

YELLOW

3/8" (10 mm) – Typically used in 7" - 9" slab depths
U.S. Patent Pending

3/4"



DURA•DOWEL

GREEN

3/4" (19 mm) – typically used in 9"-12" slab depths
U.S. Patent Pending



THE J D RUSSELL COMPANY

jdrussellco.com

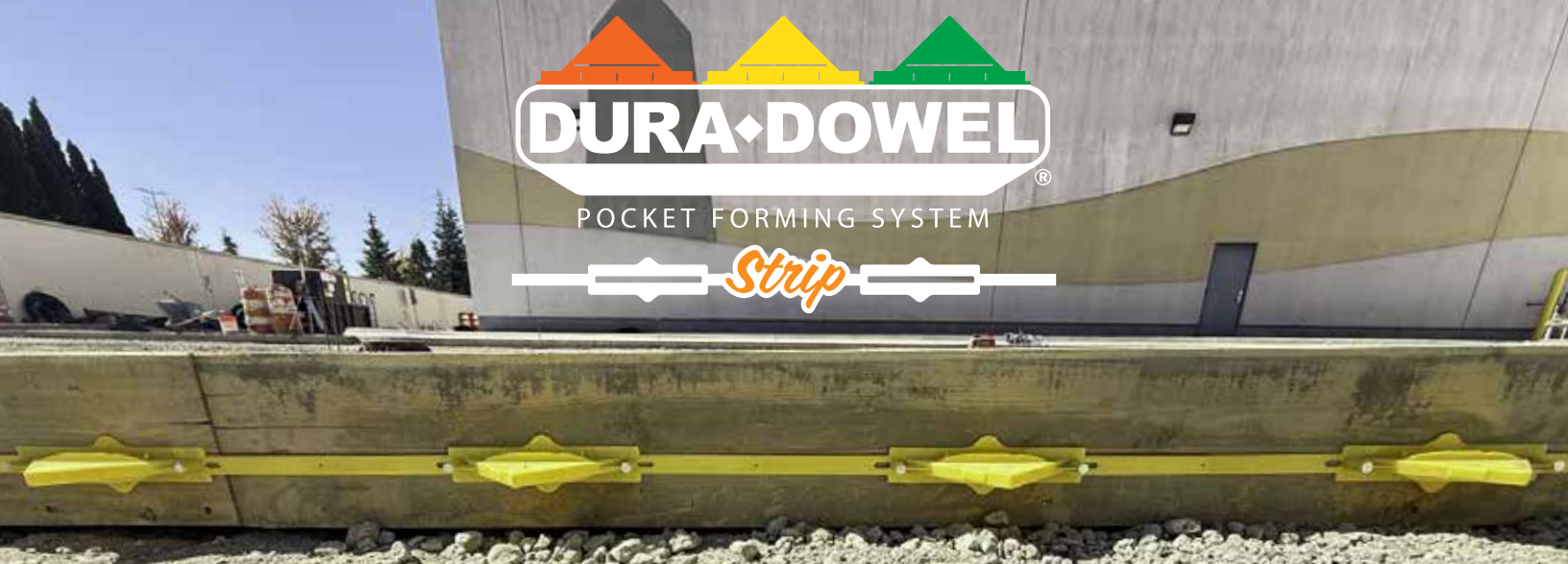
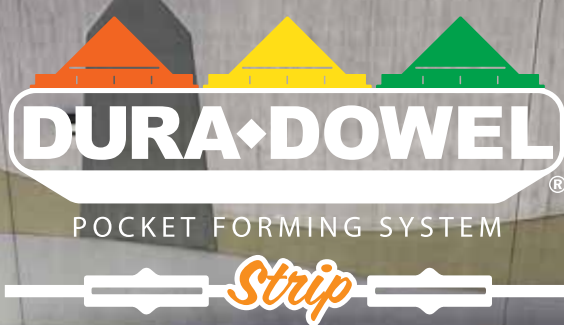
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DURA•DOWEL



DURADOWEL STRIPS

The ONLY pocket forming system available in molded strips saving you valuable time! Our patent-pending Duradowel Strips feature all the benefits of the Duradowel Forming System in a convenient multi-pocket piece. Installing multiple pockets at once gets the form set up in a fraction of the time and eliminates measuring errors!

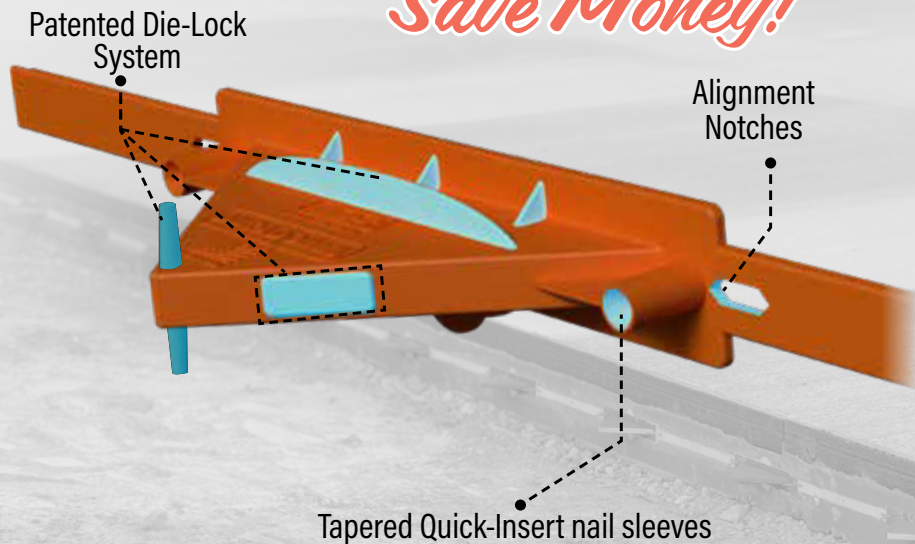
AVAILABLE IN 18" OR 24" ON CENTER

Part #	Description	Color
DD14STRIP	1/4" ORANGE STRIP	ORANGE
DD38STRIP	3/8" YELLOW STRIP	YELLOW
DD34STRIP	3/4" GREEN STRIP	GREEN

Strips are aprx. 10' in Length



*Save Time!
Save Money!*



1/4"



DURA-DOWEL *Strip*

1/4" (6 mm) – Typically used in 5" - 6.5" slab depths

3/8"



DURA-DOWEL *Strip*

3/8" (10 mm) – Typically used in 7" - 9" slab depths

3/4"



DURA-DOWEL *Strip*

3/4" (19 mm) – typically used in 9" - 12" slab depths



TECHNICAL DATA SHEET

DESCRIPTION

DuraDowel is a two-component product consisting of a plastic sleeve and a 4.5" x 4.5" steel plate that is designed to transfer loads at the joints of concrete floor slabs.

The DuraDowel system provides stability at the concrete joint by allowing the positive transfer of load to offer a smooth slab-to-slab transition.

APPLICATION

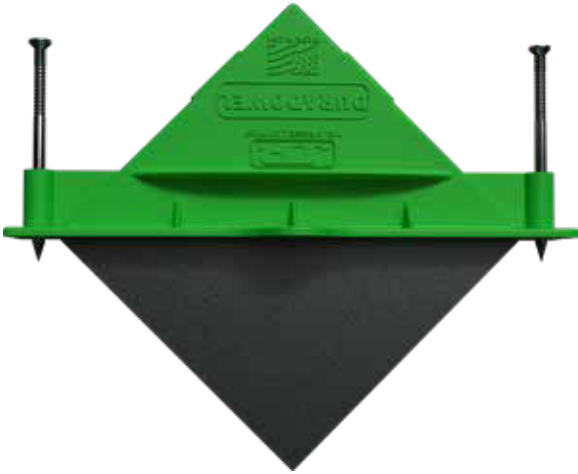
DuraDowel is used when a slab-to-slab transition occurs and stability of the concrete joint is required. The plastic sleeve is nailed to lumber edge forms and a steel plate then slides into the sleeve.

PRODUCT SPECIFICATION

DuraDowel is recommended for joints up to .20" wide and can be used in concrete slabs such as jointed floors and flat work.

When properly installed, DuraDowel conforms to ACI 302.1R and ACI 360.

Steel plates conform to ASTM A36 requirements for 36 KSI minimum yield strength material.



FEATURES

- Integrated nails go into the sleeve allowing for faster installation to the form work
- Strip version has multiple pockets allowing for faster installation.
- Slab-to-slab trip hazards are minimized
- 3 different plate thicknesses with color coded sleeves for ease of use
- All plate dowels are 4.5" x 4.5" square



TECHNICAL DATA



DuraDowel System - Sleeves and Plates

Part Description	Slab Thickness	Spacing
1/4" Sleeve (Orange)	5" to 6-1/2"	18"
1/4" Steel Plate	5" to 6-1/2"	18"
3/8" Sleeve (Yellow)	7" to 9"	18"
3/8" Steel Plate	7" to 9"	18"
3/4" Sleeve (Green)	9" to 12"	18"
3/4" Steel Plate	9" to 12"	18"




INSTALLATION



1. Select the appropriate size DuraDowel based on thickness of slab.
2. Align DuraDowel Sleeve in the vertical center of the form.
3. Using a hammer, attach the integrated nails into the form work.
4. After the concrete is poured and the form work is removed, simply slide the steel plate into the sleeve void in preparation for the adjoining slab.

ORDERING INFORMATION



Product Code	Description	Product Code	Description
DD14SL	1/4" ORANGE SLEEVE	DD34STRIP12 12" spacing, 10 per 10' strip	3/4" GREEN STRIP 12"
DD38SL	3/8" YELLOW SLEEVE	DD34STRIP18 18" spacing, 6 per 9' strip	3/4" GREEN STRIP 12"
DD34SL	3/4" GREEN SLEEVE	DD34STRIP24 24" spacing, 5 per 10' strip	3/4" GREEN STRIP 12"
DD14STRIP12 12" spacing, 10 per 10' strip	1/4" ORANGE STRIP 12"	DD144545	1/4" STEEL PLATE
DD14STRIP18 18" spacing, 6 per 9' strip	1/4" ORANGE STRIP 18"	DD344545	3/8" STEEL PLATE
DD14STRIP24 24" spacing, 5 per 10' strip	1/4" ORANGE STRIP 24"	DD384545	3/4" STEEL PLATE
DD38STRIP12 12" spacing, 10 per 10' strip	3/8" YELLOW STRIP 12"	 DURA•DOWEL  DURA•DOWEL Strip  STEEL DOWELS	
DD38STRIP18 18" spacing, 6 per 9' strip	3/8" YELLOW STRIP 18"		
DD38STRIP24 24" spacing, 5 per 10' strip	3/8" YELLOW STRIP 24"		