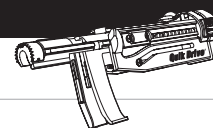


Collated Composite Decking Screws



Deck-Drive™ DCU COMPOSITE Screw

Fastening Composite Decking Boards

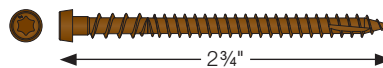
The Deck-Drive DCU Composite screw is engineered to provide beautiful fastening results for all types of composite decking while also offering greater ease of installation, a clean finish and superb corrosion resistance. The Deck-Drive DCU is the go-to-screw for all your composite decking applications, eliminating the need to mix and match screws to the decking they are suited for.

Deck-Drive DCU Composite decking screws are available in carbon steel with our Quik Guard® coating. For superior corrosion resistance in marine or high-exposure environments, choose the appropriate stainless-steel DCU screw (Type 305 or Type 316). DCU screws provide a clean finish because of their special head design and are available in 11 colors, matched to blend with most major decking manufacturers.

Features:

- Available in carbon steel, as well as Type 305 and Type 316 stainless steel for high to severe levels of corrosion resistance
- Tri-lobe thread design reduces damage to the composite board while driving
- Inverted upper threads clear excess material to ensure the screw is seated properly and consistently
- Double-cut point penetrates composite decking with ease for faster starts
- Cap-head prevents mushrooming and material from rising up above the deck for a smoother, clean-looking installation
- Approved fastener (by Trex®) for Trex® composite decking
- Also available in bulk for hand-drive installation; see pp. 76–77 for details

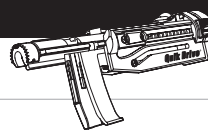
Quik Guard® Coating



Size	Length (in.)	Color	Model No. (1,000 ct.)	PR0300SG2
#10	2 3/4	Brown 01	DCU234SBR01	✓
#10	2 3/4	Brown 05	DCU234SBR05	✓
#10	2 3/4	Gray	DCU234SGR	✓
#10	2 3/4	Gray 01	DCU234SGR01	✓
#10	2 3/4	Gray 04	DCU234SGR04	✓
#10	2 3/4	Red	DCU234SRD	✓
#10	2 3/4	Red 01	DCU234SRD01	✓
#10	2 3/4	Tan	DCU234STN	✓
#10	2 3/4	Tan 01	DCU234STN01	✓
#10	2 3/4	Tan 02	DCU234STN02	✓
#10	2 3/4	Tan 03	DCU234STN03	✓



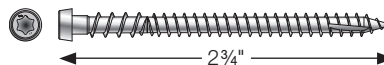
Collated Composite Decking Screws



Deck-Drive™

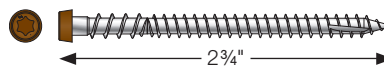
DCU COMPOSITE Screw (cont.)

Type 305 or 316 Stainless Steel



Size	Length (in.)	Material	Model No. (1,000 ct.)	PRO300SG2
#10	2 3/4	Type 305 stainless steel	DCU234S305	✓
#10	2 3/4	Type 316 stainless steel	DCU234S316	✓

Type 316 Stainless Steel, Painted Head



Size	Length (in.)	Color	Model No. (1,000 ct.)	PRO300SG2
#10	2 3/4	Brown 01	DCU234S316BR01	✓
#10	2 3/4	Brown 05	DCU234S316BR05	✓
#10	2 3/4	Gray	DCU234S316GR	✓
#10	2 3/4	Gray 01	DCU234S316GR01	✓
#10	2 3/4	Gray 04	DCU234S316GR04	✓
#10	2 3/4	Red	DCU234S316RD	✓
#10	2 3/4	Red 01	DCU234S316RD01	✓
#10	2 3/4	Tan	DCU234S316TN	✓
#10	2 3/4	Tan 01	DCU234S316TN01	✓
#10	2 3/4	Tan 02	DCU234S316TN02	✓
#10	2 3/4	Tan 03	DCU234S316TN03	✓



Collated Screws for the Quik Drive® System

Fastening for Decks

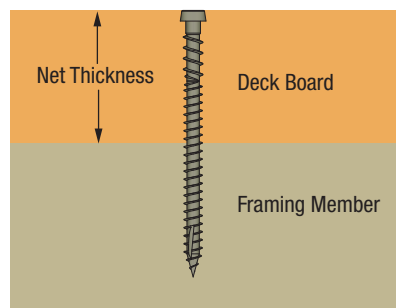
Deck-Drive™ DCU COMPOSITE Screw

Uplift Performance

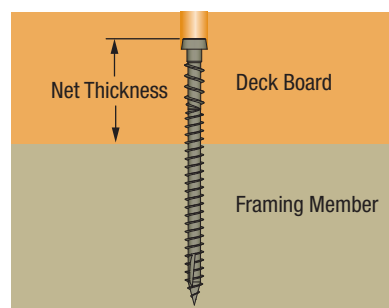
For more information, see pp. 76–77, C-F-2019 Fastening Systems Catalog

The table below shows allowable uplift loads for Simpson Strong-Tie® Deck-Drive DCU Composite screws (#10 dia. x 2 3/4" length, model no. DCU234) when they are used to attach non-wood deck boards to framing in face screw installations.

In an uplift scenario, there are two relevant modes of failure for screw connections in deck boards: screw pull-through of the deck board and screw withdrawal from the framing member. Pull-through testing was performed using 1" nominal thickness PVC and 1" and 2" nominal thickness Composite and High-Density Polyethylene (HDPE) decking products. The tests included conditions where the DCU composite screws were installed both flush to the surface and countersunk for the use of the Deck-Drive DCU screw plug solution, as shown in the figures below. Withdrawal testing was performed with the DCU screw embedded 1 3/8" in Southern Pine lumber. The resulting allowable loads using a factor of safety of 5 are provided in the table below.



**Flush Installation of
DCU Composite Screw**



**Countersunk Installation
of DCU Composite Screw**

Allowable Uplift Loads for DCU Composite Screws Used to Fasten PVC, Composite, and HDPE Deck Boards to Southern Pine Framing^{1,2}

Configuration	Deck Board (Nominal Thickness, Material)	Net Thickness (in.)	Allowable Uplift per Screw (lbf)
Flush Installation	1" PVC	1.000	101
	1" Composite	1.000	148
	1" HDPE	1.000	93
	2" Composite	1.375	260
	2" HDPE	1.375	191
Countersunk Installation	1" PVC	0.725	77
	1" Composite	0.725	128
	1" HDPE	0.725	77
	2" Composite	1.100	235
	2" HDPE	1.100	150

1. Allowable uplift is limited by fastener pull-through value, which is the lesser of fastener pull-through and withdrawal. No other properties of the deck materials or deck construction are considered.

2. Withdrawal property is based on duration of load of $C_D = 1.6$ and wet service factor of $C_M = 0.7$.