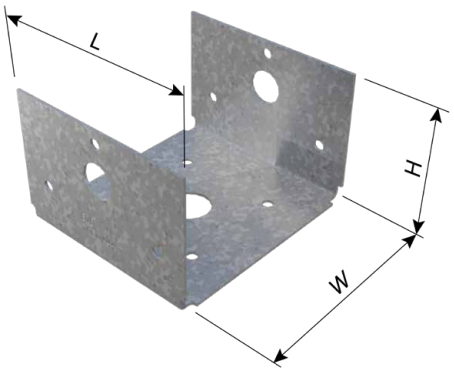
Deck Anchors

The CDDA deck anchor post base secures wood posts to a wood supporting member. Eliminates the need for toe-nailing of the post or column.



MATERIAL SPECIFICATIONS

Gauge: 18ga (43mil)
Design Thickness: 0.0451 inches
Coating: G90 (Z275) hot-dipped galvanized coating (G185 available)
Yield Strength: Structural Grade 50 Type H (ST50H), 50ksi (340 MPa)

PRODUCT DIMENSIONS

CDDA44
Post Size: 4 x 4
Length (L): 3-1/4"
Width (W): 3-9/16"
Height (H): 2-1/4"

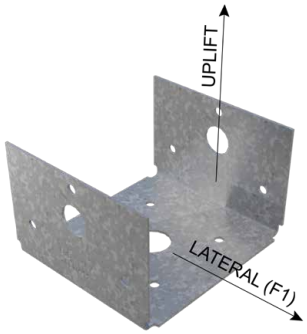
CDDA66
Post Size: 6 x 6
Length (L): 5"
Width (W): 5-9/16"
Height (H): 2-1/2"

CODE REPORT

- DrJ Engineering LLC TER-2211-03

Deck Anchors (CDDA44)

Load Orientation	Fasteners				Allowable Loads (lbs)					
	Post		Substrate		Spruce Pine-Fir (0.42 Specific Gravity		Douglas Fir-Larch (0.50 Specific Gravity)		Southern Pine (0.55 Specific Gravity)	
	Fastener	Qty	Fastener	Qty	C_D = 1.00	C_D = 1.60	C_D = 1.00	C_D = 1.60	C_D = 1.00	C_D = 1.60
Uplift	0.165" x 3-1/2" Nail	6	0.165" x 3"-1/2 Nail	4	345	475	530	625	655	655
Lateral (F1)					495	680	580	745	625	745
Uplift	#9 x 3" Screw	6	#9 x 3" Screw	4	220	315	335	380	410	410
Lateral (F1)					280	445	325	520	350	560



Deck Anchor (CDDA66)

Load Orientation	Fasteners				Allowable Loads (lbs)					
	Post		Substrate		Spruce Pine-Fir (0.42 Specific Gravity		Douglas Fir-Larch (0.50 Specific Gravity)		Southern Pine (0.55 Specific Gravity)	
	Fastener	Qty	Fastener	Qty	C_D = 1.00	C_D = 1.60	C_D = 1.00	C_D = 1.60	C_D = 1.00	C_D = 1.60
Uplift	0.165" x 3-1/2" Nail	6	0.165" x 3"-1/2 Nail	4	250	250	380	380	430	430
Lateral (F1)					495	795	580	925	625	1000
Uplift	#9 x 3" Screw	6	#9 x 3" Screw	4	220	230	295	295	315	315
Lateral (F1)					280	445	325	520	350	560

Notes:

For SI: 1 inch = 25.4 mm, 1 pound (lb) = 4.45 N

1 Allowable loads shall be selected based on the load duration as permitted by the applicable building code.
2 F_1 direction is parallel to the substrate member. (see illustration)