

Framing Angles

CDFA1 angles provide the builder with the industry's most versatile framing angle including:

- Prongs - permit faster and easier installation.
- Bending slots - make accurate bends for all 2- and 3-way anchoring ties on the job.

MATERIAL SPECIFICATIONS

Gauge: 18ga (43mil)

Design Thickness: 0.0451 inches

Coating: G90 (Z275) hot-dipped galvanized coating

Yield Strength: Structural Grade 50 Type H (ST50H), 50ksi (340 MPa)

PRODUCT DIMENSIONS

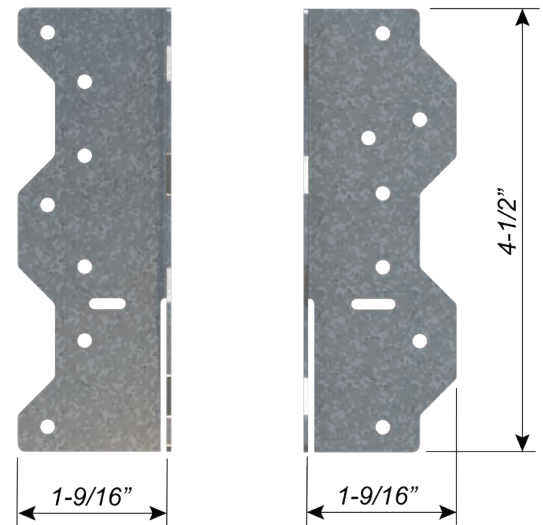
Width (W): 1-9/16"

Height (H): 4-11/16"

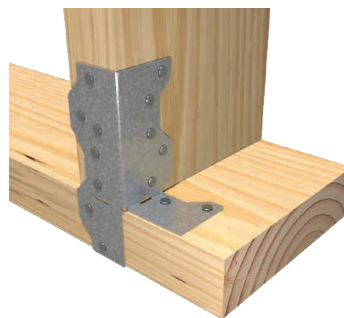
Depth (D): 1-9/16"

CODE REPORT

- IAPMO ER-0179



CDFA1 Installation



CDFA1 Installation



CDFA1 Installation

Framing Angles (CDFA1)

Spruce Pine-Fir (0.42 Specific Gravity)															
Product Code	Connection Qty. and Type	Dimension (in)										Allowable Vertical Loads (lbs)			
		Joist Nail Size	Total Joist Qty.	Header Nail Size	Total Header Qty.	Wall Plate Nail Size	Wall Plate Wide Face Qty.	Wall Plate Narrow Face Qty.	Stud Nail Size	Stud Wide Face Qty.	Stud Narrow Face Qty.	Load Duration Factor			
												1.00	1.15	1.25	1.60
CDFA1	2 (1 each face Joist/Stud) Joist to Header	0.148" x 1.5"	14	0.148" x 1.5"	14	--	--	--	--	--	--	1410	1620	1760	1845
	(1) Joist to Header	0.148" x 1.5"	7	0.148" x 1.5"	7	--	--	--	--	--	--	705	810	880	925
	2 (1 each face Joist/Stud) Joist/Stud to Wall Plate	0.148" x 1.5"	10	--	--	0.148" x 1.5"	4	4	0.148" x 1.5"	10	10	530	610	665	850
	(1) Joist/Stud to Wall Plate	0.148" x 1.5"	5	--	--	0.148" x 1.5"	2	2	0.148" x 1.5"	5	5	265	305	330	425

Douglas Fir-Larch (0.50 Specific Gravity)															
Product Code	Connection Qty. and Type	Dimension (in)										Allowable Vertical Loads (lbs)			
		Joist Nail Size	Total Joist Qty.	Header Nail Size	Total Header Qty.	Wall Plate Nail Size	Wall Plate Wide Face Qty.	Wall Plate Narrow Face Qty.	Stud Nail Size	Stud Wide Face Qty.	Stud Narrow Face Qty.	Load Duration Factor			
												1.00	1.15	1.25	1.60
CDFA1	2 (1 each face Joist/Stud) Joist to Header	0.148" x 1.5"	14	0.148" x 1.5"	14	--	--	--	--	--	--	1640	1845	1845	1845
	(1) Joist to Header	0.148" x 1.5"	7	0.148" x 1.5"	7	--	--	--	--	--	--	820	925	925	925
	2 (1 each face Joist/Stud) Joist/Stud to Wall Plate	0.148" x 1.5"	10	--	--	0.148" x 1.5"	4	4	0.148" x 1.5"	10	10	670	770	835	1070
	(1) Joist/Stud to Wall Plate	0.148" x 1.5"	5	--	--	0.148" x 1.5"	2	2	0.148" x 1.5"	5	5	335	385	415	535

Southern Pine (0.55 Specific Gravity)															
Product Code	Connection Qty. and Type	Dimension (in)										Allowable Vertical Loads (lbs)			
		Joist Nail Size	Total Joist Qty.	Header Nail Size	Total Header Qty.	Wall Plate Nail Size	Wall Plate Wide Face Qty.	Wall Plate Narrow Face Qty.	Stud Nail Size	Stud Wide Face Qty.	Stud Narrow Face Qty.	Load Duration Factor			
												1.00	1.15	1.25	1.60
CDFA1	2 (1 each face Joist/Stud) Joist to Header	0.148" x 1.5"	14	0.148" x 1.5"	14	--	--	--	--	--	--	1780	1845	1845	1845
	(1) Joist to Header	0.148" x 1.5"	7	0.148" x 1.5"	7	--	--	--	--	--	--	890	925	925	925
	2 (1 each face Joist/Stud) Joist/Stud to Wall Plate	0.148" x 1.5"	10	--	--	0.148" x 1.5"	4	4	0.148" x 1.5"	10	10	760	875	950	1160
	(1) Joist/Stud to Wall Plate	0.148" x 1.5"	5	--	--	0.148" x 1.5"	2	2	0.148" x 1.5"	5	5	380	440	475	580

Notes:

- 1 For SI Units: 1 inch = 25.4 mm, 1 pound (lb) = 4.4 N
- 2 Allowable load capacities are based on specie and load duration factor as permitted by applicable building code.