

ClarkDietrich® PRODUCT INFORMATION

Example: 362S162-43 (33ksi, CP60) punched



S = Structural stud or joist
PDS = ProSTUD® drywall stud

T = Structural track
PDT = ProTRAK® drywall track

U = CRC or U-channel

F = Furring channel

Punching
Punched studs or joists will be supplied unless the customer indicates unpunched material is required at time of order. All track and channels are unpunched.



Protective Coating
Structural framing: CP60 (G60, CP90 & G90 available)
Drywall framing: G40EQ DiamondPlus®, G40EQ (G40 or CP60 available)

KSI -Yield Strength (Fy)
Structural: 33ksi or 50ksi steel
Drywall: See ProSTUD below.

ClarkDietrich member depths, flanges & available thickness

STRUCTURAL FRAMING

Member depths	Flange widths range	Mils range	Gauge range
(250) 2-1/2"	1-3/8," 1-5/8," 2" & 2-1/2"	33-68	20-14 ga
(350) 3-1/2"	1-3/8," 1-5/8," 2" & 2-1/2"	33-68	20-14 ga
(362) 3-5/8"	1-3/8," 1-5/8," 2" & 2-1/2"	33-97	20-12 ga
(400) 4"	1-3/8," 1-5/8," 2" & 2-1/2"	33-97	20-12 ga
(550) 5-1/2"	1-5/8," 2" & 2-1/2"	33-97	20-12 ga
(600) 6"	1-3/8," 1-5/8," 2," 2-1/2" & 3"	33-97	20-12 ga
(800) 8"	1-3/8," 1-5/8," 2," 2-1/2" & 3"	33-97	20-12 ga
(925) 9-1/4"	1-5/8," 2" & 2-1/2"	43-97	18-12 ga
(1000) 10"	1-5/8," 2," 2-1/2" & 3"	43-97	18-12 ga
(1200) 12"	1-5/8," 2," 2-1/2" & 3"	54-97	16-12 ga
(1400) 14"	1-5/8," 2," 2-1/2" & 3"	54-97	16-12 ga

NON-STRUCTURAL FRAMING (ProSTUD® & ProTRAK®)

Member depths	Flange widths range	Mils range	Gauge range
(162) 1-5/8"	1-1/4"	15-33	Pro25-Pro33
(250) 2-1/2"	1-1/4"	15-33	Pro25-Pro33
(350) 3-1/2"	1-1/4"	15-33	Pro25-Pro33
(362) 3-5/8"	1-1/4"	15-33	Pro25-Pro33
(400) 4"	1-1/4"	15-33	Pro25-Pro33
(550) 5-1/2"	1-1/4"	15-33	Pro25-Pro33
(600) 6"	1-1/4"	15-33	Pro25-Pro33

ClarkDietrich return lip dimensions

STRUCTURAL FRAMING

Flange width	Return lip	Member depths
137 (1-3/8")	3/8"	3-5/8"-8"
162 (1-5/8")	1/2"	2-1/2"-14"
200 (2")	5/8"	3-5/8"-14"
250 (2-1/2")	5/8"	3-5/8"-14"
300 (3")	5/8"	6"-14"

NON-STRUCTURAL FRAMING (ProSTUD® & ProTRAK®)

Flange width	Return lip	Member depths
125 (1-1/4")	1/4"	All Widths

Structural thickness identification and color coding

Member mils	Thickness gauge	Design thickness	Min. thickness	Color code
33	20	0.0346"	0.0329"	White
43	18	0.0451"	0.0428"	Yellow
54	16	0.0566"	0.0538"	Green
68	14	0.0713"	0.0677"	Orange
97	12	0.1017"	0.0966"	Red

33mil & 43mil = 33ksi 54, 68 & 97mil = 50ksi (unless otherwise noted)

ClarkDietrich ProSTUD® Drywall framing system thickness

Member gauge	Mils	KSI	Design thickness	Min. thickness	Color code
ProSTUD 25	15	50	0.0158	0.0150	None
ProSTUD 20	18	70	0.0190	0.0181	Brown
ProSTUD 30MIL	30	33	0.0312	0.0296	Pink
ProSTUD 33MIL	33	33	0.0346	0.0329	White

ProTRAK (25, 20) = 50ksi ProTRAK 30mil & 33mil = 33ksi

HOW TO IDENTIFY OUR PRODUCTS

ClarkDietrich has adopted standard nomenclature established by the American Iron and Steel Institute (AISI) for identifying each of its products. Coding of each member consists of four parts, in this order:

- A number which identifies the web depth of the member to two decimal places. 600 = 6.00," 1000 = 10.00," 550 = 5.50," 362 = 3.625," etc.
- A letter that tells you the type of member, such as S = Stud/joist, T = Track, U = U-channel, and F = Furring channel.
- A number that defines the flange dimension in inches to two decimal places. 162 = 1.625," 200 = 2.00," 125 = 1.25," etc.
- A number following a hyphen that denotes the minimum delivered thickness in mils (33mils = 33/1000 inches which is approximately 0.0329"). Minimum delivered thickness is 95% of design thickness.

Product availability.

Most products manufactured by ClarkDietrich are readily available in all markets, but there can be exceptions. Please contact your ClarkDietrich Sales Representative to make sure the product you need is available in your market area.

Protective coatings.

Non-structural products are coated to meet the requirements of AISI S220. A G40EQ coating is standard and G40 is available upon request. Other coatings are available upon special order: G40EQ DiamondPlus, G60 and G90. Contact your ClarkDietrich Sales Representative for market availability. ProSTUD® Drywall Framing System meets the Code Compliance Research Report Intertek CCRR-0207.

Structural framing products are available with a variety of protective coatings that meet the CP60 coating protection level requirements of AISI S240. These coatings may include G60, A60, AZ50 or GF30, all of which satisfy the above referenced standards. CP90 coatings are an enhanced option that can be requested for highly corrosive environments. ClarkDietrich can supply a specific or enhanced coating to meet specific project requirements when requested. The buyer is solely responsible to assure that product is ordered to properly satisfy the applicable code or specification.

ClarkDietrich is a proud member of the Steel Framing Industry Association (SFIA).