

Imperial



Steel Studs,
Trims & Accessories
Non-Structural Framing Systems

BUILDING PRODUCTS

PRODUCTS, SERVICE & SUPPORT FOR THE TRADE PROFESSIONAL





Stud

- ▶ Manufactured from corrosion resistant galvanized steel.
- ▶ Pre-punched holes for easy installation of electrical, plumbing and bridging application.
- ▶ Knurled flanges for easy screw penetration.

STUD SIZE	MILS	FLANGE	Pcs/bdl
1-5/8"	18	1-1/4"	10
2-1/2"	18	1-1/4"	10
3-5/8"	18	1-1/4"	10
6"	18	1-1/4"	10



Track (Hemmed)

- ▶ Manufactured from corrosion resistant galvanized steel.
- ▶ Hemmed edges offer safer product handling during installation.
- ▶ Legs are slightly angled in for a friction fit on the stud.
- ▶ Available in standard 10' length.

TRACK	MILS	LEG	Pcs/bdl
1-5/8"	18	1-1/4"	10
2-1/2"	18	1-1/4"	10
3-5/8"	18	1-1/4"	10
6"	18	1-1/4"	10



2" Deep Track

- ▶ For applications where the height of the wall varies due to unevenness of the concrete.
- ▶ Available in 10' length.

DEEP TRACK	MILS	LEG	Pcs/bdl
1-5/8"	18	2"	12
2-1/2"	18	2"	6
3-5/8"	18	2"	6
6"	18	2"	6



4-7/8" Carpet Track

- ▶ Manufactured with an extra deep leg to provide backing for carpet installation.
- ▶ Available in standard 10' length.

CARPET TRACK	MILS	LEG	Pcs/bdl
2-1/2"	18	4-7/8"	--
3-5/8"	18	4-7/8"	--

Corner Bead & Finishing Trims



1-1/4" 90-degree Corner Bead

- ▶ Provides high quality finish and solid protection to external drywall corners.
- ▶ Knurled and perforated flanges provide excellent compound adhesion.
- ▶ Can be nailed, stapled, screwed or clinched into place.
- ▶ Available in 7', 8', 9', 10' and 12' length.
- ▶ 25 pieces per carton.



1-1/4" 130-degree Corner Bead

- ▶ Provides strong external protection to 130-degree wide drywall corners.
- ▶ Available in 8' and 10' length.
- ▶ 10 pieces per bundle.



Drywall L-Trim

- ▶ Available in 1/2" or 5/8" flange.
- ▶ Provides a clean finished edge and solid protection for drywall at door and window openings where wood is absent.
- ▶ Knurled and perforated flanges provide excellent compound adhesion.
- ▶ Available in 8' and 10' length.
- ▶ 25 pieces per carton.



Drywall J-Trim

- ▶ Available in 1/2" or 5/8" flange.
- ▶ Provides a clean finished edge and solid protection to drywall terminations around door and window openings or where drywall butts up against other surfaces.
- ▶ Available in 8' or 10' length.
- ▶ 20 pieces per bundle.

Channels & Top Hat Section



Carrying Channels

- ▶ Available in 1 1/2" or 3/4" width.
- ▶ Used in bracing or bridging applications.
- ▶ Available in standard 12' length.



Resilient Channel

- ▶ Manufactured from corrosion resistant galvanized steel.
- ▶ Economical method for reducing sound transmission through wall and ceiling.
- ▶ Manufactured to ASTM standard.
- ▶ Available in standard 12' length.
- ▶ 20 pieces per bundle.



7/8" Furring Channel 12'

- ▶ Versatile hat-shaped channel.
- ▶ Used for "furring" out masonry walls and ceiling assemblies.
- ▶ Provides rigid structural support for drywall, veneer plaster or drop ceiling construction when used in conjunction with cold rolled channels.
- ▶ Available in 18 or 33 mils thickness.
- ▶ 10 pieces per bundle.



Top Hat Section

- ▶ Manufactured according to customer specification.
- ▶ Available upon request.



1" x 2" L-Track

- ▶ Used in the construction of bulkheads or column framing.
- ▶ Available in standard 10' length.
- ▶ 10 pieces per bundle.



Z-Bar (18 mils)

- ▶ Designed to hold rigid insulation in place and provide a surface to fasten finishing drywall, siding or other materials.
- ▶ Suitable for interior and exterior applications.
- ▶ Available in 1", 1-1/2", 2", 2-1/2" and 3".
- ▶ Other sizes and thicknesses available upon request.
- ▶ 10 pieces per bundle.



Special Profiles

- ▶ Special profiles and custom brake shapes available upon request.
- ▶ Extensive selection of thicknesses, shapes and lengths.

BUILDING CODE STANDARDS

Imperial Building Products offer a wide variety of cold-formed steel products ranging from interior non-load bearing framing systems to axial & curtain wall framing systems to drywall finishing trims. Our products conform to the industry and building code standards.

- ▶ **ASTM A 591** Standard specification for steel sheet, electrolytic zinc-coated, for light coating weight (mass) applications.
- ▶ **ASTM A 653** Standard specification for steel sheet, zinc coated (galvanized) or zinc-iron alloy coated (galvannealed) by hot-dip process.
- ▶ **ASTM A 1003** Standard specification for steel sheet, carbon, metallic and non-metallic coated for cold formed framing members.
- ▶ **ASTM C 645** Standard specification for non-structural steel framing members.
- ▶ **ASTM C 1047** Standard specification for accessories for gypsum wallboard and gypsum veneer base.

Interior Non-Composite Limiting Wall Height Table

Notes:

- 1) Heights based on steel properties only, calculated in accordance with CSA-S136-2001.
- 2) Limiting heights are based on continuous support of each flange over the full height of the stud.
- 3) The 600S125-18 has an h/t in excess of the limits required by CSA-S136 for an all-steel design.

STUD DESIGNATION	SPACING o.c (in.)	5 psf			7.5 psf			10 psf		
		L/120	L/240	L/360	L/120	L/240	L/360	L/120	L/240	L/360
250S125-18	12	12'-6"	10'-6"	9'-2"	10'-2"	9'-2"	8'-0"	8'-10"	8'-4"	7'-4"
	16	10'-10"	9'-6"	8'-4"	8'-10"	8'-4"	7'-4"	7'-7"	7'-7"	6'-7"
	24	8'-10"	8'-4"	7'-4"	7'-2"	7'-2"	6'-4"	6'-2"	6'-2"	5'-10"
250S125-30	12	16'-0"	12'-8"	11'-1"	13'-10"	11'-1"	9'-8"	11'-11"	10'-1"	8'-10"
	16	14'-7"	11'-7"	10'-1"	11'-11"	10'-1"	8'-10"	10'-4"	9'-2"	8'-0"
	24	11'-11"	10'-1"	8'-10"	9'-10"	8'-10"	7'-8"	8'-5"	8'-0"	7'-0"
250S125-33	12	16'-7"	13'-2"	11'-6"	14'-6"	11'-6"	10'-1"	12'-8"	10'-6"	9'-1"
	16	15'-1"	12'-0"	10'-6"	12'-8"	10'-6"	9'-1"	11'-0"	9'-6"	8'-4"
	24	12'-8"	10'-6"	9'-1"	10'-5"	9'-1"	8'-0"	9'-0"	8'-4"	7'-4"
350S125-18	12	15'-1"	13'-7"	11'-11"	12'-5"	11'-11"	10'-5"	10'-8"	10'-8"	9'-5"
	16	13'-1"	12'-5"	10'-10"	10'-8"	10'-8"	9'-5"	9'-4"	9'-4"	8'-7"
	24	10'-8"	10'-8"	9'-5"	8'-8"	8'-8"	8'-4"	7'-7"	7'-7"	7'-6"
350S125-30	12	20'-10"	16'-6"	14'-5"	17'-5"	14'-5"	12'-7"	15'-1"	13'-1"	11'-5"
	16	18'-5"	15'-0"	13'-1"	15'-1"	13'-1"	11'-5"	13'-0"	11'-11"	10'-5"
	24	15'-1"	13'-1"	11'-5"	12'-4"	11'-5"	10'-0"	10'-7"	10'-5"	9'-1"
350S125-33	12	21'-6"	17'-1"	14'-11"	18'-6"	14'-11"	13'-0"	16'-0"	13'-7"	11'-10"
	16	19'-7"	15'-6"	13'-7"	16'-0"	13'-7"	11'-10"	13'-11"	12'-4"	10'-10"
	24	16'-0"	13'-7"	11'-10"	13'-1"	11'-10"	10'-5"	11'-4"	10'-10"	9'-5"
362S125-18	12	15'-5"	14'-0"	12'-2"	12'-7"	12'-2"	10'-8"	10'-11"	10'-11"	9'-8"
	16	13'-4"	12'-8"	11'-1"	10'-11"	10'-11"	9'-8"	9'-5"	9'-5"	8'-10"
	24	10'-11"	10'-11"	9'-8"	8'-11"	8'-11"	8'-6"	7'-8"	7'-8"	7'-8"
362S125-30	12	20'-5"	17'-0"	14'-10"	17'-10"	14'-10"	13'-0"	15'-5"	13'-6"	11'-10"
	16	18'-11"	15'-5"	13'-6"	15'-5"	13'-6"	11'-10"	13'-5"	12'-2"	10'-8"
	24	15'-5"	13'-6"	11'-10"	12'-7"	11'-10"	10'-4"	10'-11"	10'-8"	9'-4"
362S125-33	12	22'-1"	17'-7"	15'-4"	19'-0"	15'-4"	13'-5"	16'-5"	13'-11"	12'-2"
	16	20'-1"	16'-0"	13'-11"	16'-5"	13'-11"	12'-2"	14'-2"	12'-8"	11'-1"
	24	16'-5"	13'-11"	12'-2"	13'-5"	12'-2"	10'-7"	11'-7"	11'-1"	9'-8"
600S125-30	12	30'-0"	25'-5"	22'-2"	24'-6"	22'-2"	19'-5"	21'-2"	20'-2"	17'-7"
	16	26'-0"	23'-1"	20'-2"	21'-2"	20'-2"	17'-7"	18'-5"	18'-4"	16'-0"
	24	21'-2"	20'-2"	17'-7"	17'-4"	17'-4"	15'-5"	15'-0"	15'-0"	14'-0"
600S125-33	12	32'-10"	26'-4"	23'-0"	26'-10"	23'-0"	20'-1"	23'-2"	20'-11"	18'-2"
	16	28'-5"	23'-11"	20'-11"	23'-2"	20'-11"	18'-2"	20'-1"	19'-0"	16'-7"
	24	23'-2"	20'-11"	18'-2"	19'-0"	18'-2"	15'-11"	16'-5"	16'-5"	14'-6"

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The Stud Designation follows the industry standard format.

Interior Composite Limiting Wall Height Table

Notes:

- 1) Composite wall sheathed on both sides full height with ½" gypsum wallboard.
- 2) No tests were carried out with 362S sizes, therefore tables could not be developed. The 350S limiting heights have been used.
- 3) Sheathing attached with #6 screws min. at 12" o.c. max.
- 4) Maximum heights also applicable to wall sheathed with gypsum board greater than ½" thick and multiple layers of gypsum board.

STUD DESIGNATION	SPACING o.c. (in.)	5 psf			7.5 psf			10 psf		
		L/120	L/240	L/360	L/120	L/240	L/360	L/120	L/240	L/360
250S125-18	12	14'-5"	12'-0"	10'-5"	11'-10"	10'-5"	9'-1"	10'-2"	9'-6"	8'-4"
	16	12'-11"	11'-4"	9'-10"	10'-7"	9'-10"	8'-6"	9'-2"	8'-11"	-
	24	11'-4"	10'-5"	9'-1"	9'-4"	9'-1"	7'-11"	8'-1"	8'-1"	-
250S125-30	12	17'-4"	13'-7"	11'-10"	15'-0"	11'-10"	10'-2"	13'-7"	10'-7"	9'-2"
	16	16'-1"	12'-7"	10'-11"	13'-11"	10'-11"	9'-5"	12'-7"	9'-10"	8'-5"
	24	14'-7"	11'-5"	9'-10"	12'-7"	9'-10"	8'-5"	11'-5"	8'-10"	-
250S125-33	12	17'-10"	14'-0"	12'-1"	15'-6"	12'-1"	10'-6"	14'-0"	10'-11"	9'-6"
	16	16'-6"	13'-0"	11'-2"	14'-4"	11'-2"	9'-7"	12'-11"	10'-1"	8'-8"
	24	15'-0"	11'-8"	10'-0"	12'-11"	10'-0"	8'-7"	11'-8"	9'-0"	-
350S125-18	12	16'-11"	15'-4"	13'-4"	13'-7"	13'-2"	11'-6"	11'-8"	11'-8"	10'-5"
	16	15'-1"	14'-4"	12'-5"	12'-1"	12'-1"	10'-10"	10'-5"	10'-5"	9'-8"
	24	13'-0"	13'-0"	11'-5"	10'-5"	10'-5"	9'-11"	8'-11"	8'-11"	8'-11"
350S125-30	12	20'-11"	17'-4"	15'-1"	19'-1"	15'-1"	13'-2"	17'-4"	13'-8"	12'-0"
	16	20'-2"	16'-0"	13'-11"	17'-7"	13'-11"	12'-1"	16'-0"	12'-7"	11'-0"
	24	18'-1"	14'-5"	12'-6"	15'-10"	12'-6"	10'-11"	14'-4"	11'-4"	9'-11"
350S125-33	12	22'-6"	17'-11"	15'-7"	19'-8"	15'-7"	13'-7"	17'-11"	14'-1"	12'-4"
	16	20'-10"	16'-6"	14'-4"	18'-1"	14'-4"	12'-6"	16'-5"	13'-0"	11'-4"
	24	18'-7"	14'-8"	12'-10"	16'-2"	12'-10"	11'-2"	14'-8"	11'-7"	10'-1"
362S125-18	12	16'-11"	15'-4"	13'-4"	13'-7"	13'-2"	11'-6"	11'-8"	11'-8"	10'-5"
	16	15'-1"	14'-4"	12'-5"	12'-1"	12'-1"	10'-10"	10'-5"	10'-5"	9'-8"
	24	13'-0"	13'-0"	11'-5"	10'-5"	10'-5"	9'-11"	8'-11"	8'-11"	8'-11"
362S125-30	12	20'-11"	17'-4"	15'-1"	19'-1"	15'-1"	13'-2"	17'-4"	13'-8"	12'-0"
	16	20'-2"	16'-0"	13'-11"	17'-7"	13'-11"	12'-1"	16'-0"	12'-7"	11'-0"
	24	18'-1"	14'-5"	12'-6"	15'-10"	12'-6"	10'-11"	14'-4"	11'-4"	9'-11"
362S125-33	12	22'-6"	17'-11"	15'-7"	19'-8"	15'-7"	13'-7"	17'-11"	14'-1"	12'-4"
	16	20'-10"	16'-6"	14'-4"	18'-1"	14'-4"	12'-6"	16'-5"	13'-0"	11'-4"
	24	18'-7"	14'-8"	12'-10"	16'-2"	12'-10"	11'-2"	14'-8"	11'-7"	10'-1"
600S125-18	12	21'-5"	21'-5"	19'-6"	17'-2"	17'-2"	16'-10"	14'-10"	14'-10"	14'-10"
	16	19'-0"	19'-0"	18'-2"	15'-2"	15'-2"	15'-2"	13'-0"	13'-0"	13'-0"
	24	16'-2"	16'-2"	16'-2"	12'-11"	12'-11"	12'-11"	11'-0"	11'-0"	11'-0"
600S125-30	12	32'-8"	25'-11"	22'-8"	28'-7"	22'-8"	19'-10"	25'-7"	20'-7"	17'-11"
	16	30'-0"	23'-8"	20'-10"	26'-1"	20'-8"	18'-1"	23'-2"	18'-10"	16'-5"
	24	26'-6"	21'-0"	18'-5"	23'-1"	18'-4"	16'-0"	19'-0"	16'-8"	14'-6"
600S125-33	12	33'-10"	26'-10"	23'-6"	29'-6"	23'-5"	20'-5"	26'-10"	21'-4"	18'-6"
	16	30'-11"	24'-6"	21'-6"	27'-0"	21'-5"	18'-8"	24'-6"	19'-5"	16'-11"
	24	27'-5"	21'-7"	19'-0"	23'-11"	18'-11"	16'-6"	19'-0"	17'-2"	14'-11"

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Imperial Building Products, a member of the Imperial Manufacturing Group, has a proven reputation as one of Canada's leading manufacturers of quality engineered products for the construction industry.

With manufacturing facilities located in Richibucto, New Brunswick and Oakville, Ontario, Imperial Building Products manufactures a variety of products for the residential and commercial construction industry.



Imperial

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