



WEB SITE:

WWW.DELUXEBUILDINGPRODUCTS.COM

Re: Submittal Letter of Compliance

Deluxe Building Products submits this letter to confirm compliance with the plans and specifications. We will provide materials that meet or exceed the following specifications;

All materials meet ASTM A1003 or ASTM A653, Grade 33 or Grade 50 with G-40, G-60 or G-90 minimum zinc coating thickness.

12 ga material meets ASTM A1003 or ASTM A653,SS Grade 50, G-60 or G-90

14 ga material meets ASTM A1003 or ASTM A653,SS Grade 50, G-60 or G-90

16 ga material meets ASTM A1003 or ASTM A653,SS Grade 50, G-60 or G-90

18 ga material meets ASTM A1003 or ASTM A653,SS Grade 33, G-60 or G-90

20 ga material meets ASTM A1003 or ASTM A653,SS Grade 33, G40, G-60 or G-90

25 ga material meets ASTM A1003 or ASTM A653,SS Grade 33, G40, G-60 or G-90

All steel products conform to ASTM C645 and/or ASTM C955. All steel products comply with AISI specifications for steel members, latest edition. All special bent products: 10 ga to 25 ga including flat strap, angles, clips and special brake shapes are made from steel meeting ASTM A1003 and ASTM A653 standards.

Deluxe Building Products is a full member of the Steel Framing Industry Association and is listed on Intertek CCRR 0224. We can supply copies of the "product Technical Information" catalogs from the SFIA if needed.

All steel products by Deluxe Building Products are produced in our Southern California facility in Chino from prime coil that has been ordered properly for making steel framing products. We supply complete documentation, including mill test reports, on request.





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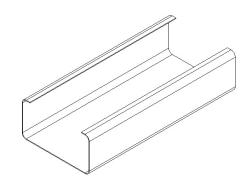
# **Deluxe Building Products C-Studs**

### **Geometric Properties**

"C" studs are fabricated in several web widths and flange heights. All Deluxe Building Products structural and non-structural studs are produced from hot-dipped galvanized steel in G40 or G60 coating. G90 is available on request.

# Steel Thickness

Mil Thickness	Y, ksi	Design Thickness, inches (mm)	Min Thickness, inches (mm)
18 (25GA)	33	0.0188 (0.48mm)	0.0179 (0.46mm)
30 (20GA)	33	0.0296 (0.751mm)	0.0300 (0.762mm)
33 (20GA)	33	0.0346 (0.88mm)	0.0329 (0.83mm)
43 (18GA)	33	0.0451 (1.14mm)	0.0428 (1.09mm)
54 (16GA)	50	0.0566 (1.44mm)	0.0538 (1.37mm)
68 (14GA)	50	0.0713 (1.81mm)	0.0677 (1.72mm)
97 (12GA)	50	0.1017 (2.58mm)	0.0966 (2.45mm)



- 1) Uncoated Steel Thickness is for carbon steel
- Minimum Thickness represents 95% of the design thickness and is the minimum acceptable thickness delivered to the job site based on the Section A4.3 of the AISI S100-2007

#### Color Code (painted on ends)

 18 Mil: None
 54 Mil: Green

 30 Mil: Red
 68 Mil: Orange

 33 Mil: Red
 97 Mil: Red

43 Mil: Yellow

#### **ASTM & Code Standards**

A653/653M; A924/A924M & A1003/A1003M, C955, C1007

INTERTEK CCRR-0224

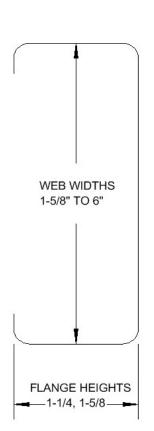
# **LEED Points and Recycled Content**

By using Deluxe Building Products your project can contribute to earning LEED points for:

- 1) LEED MR 2.1 and 2.2: Construction Waste Management: Up to 2 points.
- 2) LEED MR 4.1 and 4.2 Recycled Content: Up to 2 points.
- 3) LEED MR 5.1 and 5.2: Regional Materials

# Deluxe Building Products cold-formed steel framing products contain 30% to 35% recycled steel.

These products are produced from steel consisting of the following contents:







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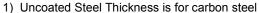
# **Deluxe Building Products Steel Tracks**

# **Geometric Properties**

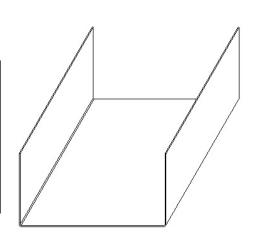
Deluxe Building Products Tracks are fabricated in several web widths and flange heights. All Deluxe Building Products structural and non-structural tracks are produced from hot-dipped galvanized steel in G40 or G60 coating. G90 is available on request.

# Steel Thickness

Mil Thickness	Y, ksi	Design Thickness, inches (mm)	Min Thickness, inches (mm)
18 (25GA)	33	0.0188 (0.48mm)	0.0179 (0.46mm)
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 68 Mil: Orange

 33 Mil: Red
 97 Mil: Red

43 Mil: Yellow

## ASTM & Code Standards

A653/653M; A924/A924M & A1003/A1003M, C955, C1007

INTERTEK CCRR-0224

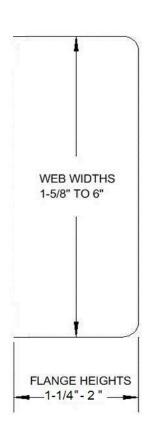
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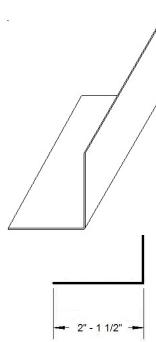
# **Deluxe Building Products Angle and Flat Strap Steel Angle Geometric Properties**

L-shaped Angles are most often used in framing to attach drywall to corners and intersections. All Deluxe Building Products Angles are produced from hot-dipped galvanized steel in G40 coating. G60 and G90 are available on request.

# **Angle Sizes and Thickness**

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Angle Size	Design Thickness	Min Thickness	Color Code
1-1/2" X 1-1/2"	18 (25GA)	0.0179 (0.46mm)	None
1-1/2" X 1-1/2"	33 (20GA)	0.0329 (0.83mm)	Red
1-1/2" X 1-1/2"	43 (18GA)	0.0428 (1.09mm)	Yellow
1-1/2" X 1-1/2"	54 (16GA)	0.0538 (1.37mm)	Green
2" X 2"	18 (25GA)	0.0179 (0.46mm)	None
2" X 2"	33 (20GA)	0.0329 (0.83mm)	Red
2" X 2"	43 (18GA)	0.0428 (1.09mm)	Yellow
2" X 2"	54 (16GA)	0.0538 (1.37mm)	Green
3" X 3"	33 (20GA)	0.0329 (0.83mm)	Red
3" X 3"	43 (18GA)	0.0428 (1.09mm)	Yellow
3" X 3"	54 (16GA)	0.0538 (1.37mm)	Green

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# **Deluxe Building Products Flat Strapping Geometric Properties**

Flat strap steel material is most often used in framing as diagonal tension straps, bridging across joints and as backing plate. All Deluxe Building Products Flat Strap is produced from hot-dipped galvanized steel in G40 coating. G60 and G90 are available on request.

# **Standard Strap Widths:**

1", 2", 4", 6", 8", 10", and 12"

## Available Strap Widths, all widths

Design Thickness	Min Thickness	Color Code
18 (25GA)	0.0179 (0.46mm)	None
33 (20GA)	0.0329 (0.83mm)	Red
43 (18GA)	0.0428 (1.09mm)	Yellow
54 (16GA)	0.0538 (1.37mm)	Green
68 (14GA)	0.0677 (1.72mm)	Orange
97 (12GA)	0.0966 (2.45mm)	Red

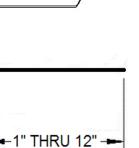
#### **LEED Points and Recycled Content**

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- 1) LEED MR 2.1 and 2.2: Construction Waste Management: Up to 2 points.
- 2) LEED MR 4.1 and 4.2 Recycled Content: Up to 2 points.
- 3) LEED MR 5.1 and 5.2: Regional Materials

#### **ASTM & Code Standards**

A653/653M; A924/A924M & A1003/A1003M, C955, C1007 ICC-ESR 3064P







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# **Deluxe Building Products Hat Channel**

# **Geometric Properties**

Hat-shaped channels are fabricated in 7/8" height with ½" flange. All Deluxe Building Products hat channels are produced from hot-dipped galvanized steel in G40 coating. G60 and G90 is available on request.

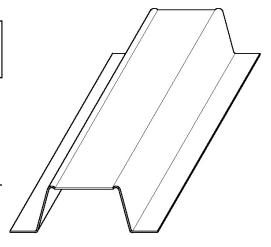
# Steel Thickness

Mil Thickness	Y, ksi	Design Thickness	Min Thickness, inches (mm)
18 (25GA)	33	0.0188 (0.48mm)	0.0179 (0.46mm)
33 (20GA)	33	0.0346 (0.88mm)	0.0329 (0.83mm)

- 1) Uncoated Steel Thickness is for carbon steel
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18 Mil: None 33 Mil: Red



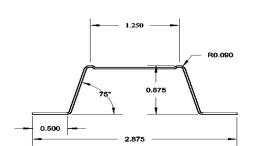
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- 3) LEED MR 5.1 and 5.2: Regional Materials

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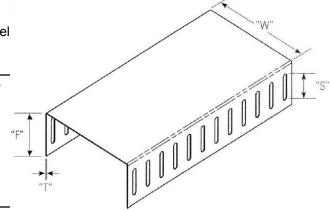
# **Deluxe Building Products Slotted Slip Tracks**

### **Geometric Properties**

Deluxe Building Products Slotted Steel Tracks are fabricated in several web depths and thickness. All Deluxe Building Products slotted steel tracks are produced from hot-dipped galvanized steel in G40 or G60 coating. G90 is available on request.

## **Steel Thickness**

Mil Thickness	Design Thickness, inches (mm)	Min Thickness, inches (mm)
18 (25GA)	0.0188 (0.48mm)	0.0179 (0.46mm)
30 (20GA)	0.0296 (0.751mm)	0.0300 (0.762mm)
33 (20GA)	0.0346 (0.88mm)	0.0329 (0.83mm)
43 (18GA)	0.0451 (1.14mm)	0.0428 (1.09mm)
54 (16GA)	0.0566 (1.44mm)	0.0538 (1.37mm)
68 (14GA)	0.0713 (1.81mm)	0.0677 (1.72mm)



- 1) Uncoated Steel Thickness is for carbon steel
- 2) Minimum Thickness represents 95% of the design thickness and is the minimum acceptable thickness delivered to the job site based on the Section A4.3 of the AISI S100-2007

# **Deluxe Slotted Track Configurations**

Color Code (painted on ends)		"W"	"F"	"S"	" <b>T</b> "
18 Mil: None	54 Mil: Green	Web Size (in)	Flange Size (in)	Slot Size (in)	Steel Thickness (mil)
30 Mil: Red	68 Mil: Orange	, ,	ŭ , ,		,
33 Mil: Red	97 Mil: Red	2-1/2, 3-5/8, 4 , 6	2-1/2	1-1/2	18, 30, 33, 43, 54,
43 Mil: Yellow					68

# 43 IVIII: YellOW ASTM & Code Standards

A653/653M; A924/A924M & A1003/A1003M, C955, C1007

INTERTEK CCRR-0224

#### **LEED Points and Recycled Content**

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# **Deluxe Building Products Unpunched U-Shaped Channel**

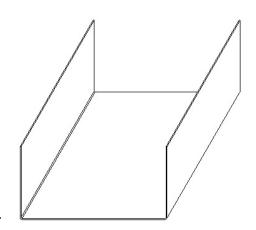
### **Geometric Properties**

Deluxe Building Products channels are fabricated with 1-1/2" webs and  $\frac{1}{2}$ " flange height with  $\frac{1}{2}$ " flange. All Deluxe Building Products hat channels are produced from hot-dipped galvanized steel in G60 coating. G90 is available on request.

# Steel Thickness

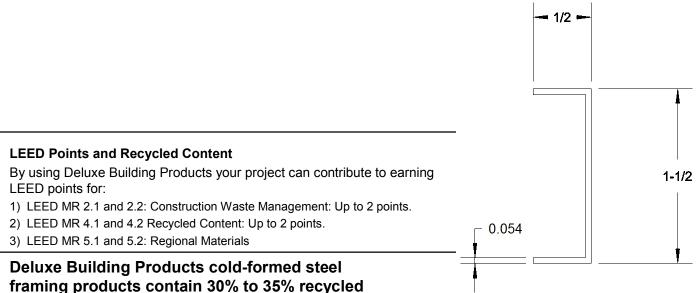
Mil Thickness	Design Thickness	Min Thickness, inches (mm)
54 (16 GA)	0.0566 (1.44mm)	0.0538 (1.37mm)

- 1) Uncoated Steel Thickness is for carbon sheet steel
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### Color Code (painted on ends)

54 Mil: Green



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# Take the LEED with Deluxe Building Products and SFIA

# Leadership in Energy and Environmental Design

The US Green Building council, LEED, is the nationally accepted benchmark for the improvement of sustainable design, environmental performance, and economic impact for commercial buildings. STEEL is rapidly being recognized for its important environmental attributes, particularly its high recycled content and reclamation rate. SFIA supports the increasing demands for LEED certification, operating with established and innovative practices, standards, materials and technologies.

SFIA presents the following LEED certification letters to meet your LEED-related documentary requirements for submission of Cold-formed Steel Framing Products, or for obtaining approval of SFIA specific LEED-related operations.

The US Green Building Council requires BOTH (1) compliance information for products used, and (2) a statement of the manufacturer's locations and efforts to preserve the environment through their operational actions. SFIA has a long standing relationship between our customers and their efforts of achieving LEED points with the use of Cold Formed Steel Framing Products. The attached letter is supplied to further assist you and minimize your efforts in gathering documentation for LEED-related projects.

Please present the following certification letter for all LEED-related projects on which you are bidding or for which your end customer is seeking LEED certification after installations are complete.