



**CONCEPT FRAMES INCORPORATED**

P.O. BOX 248 NEWTON, NC 28658

TOLL FREE: 888 2349455

FAX: 800 6319089

TELEPHONE: 828 4652015

October 29, 2009

To: All Customers

Re: U.S. Green Building Council LEED Program Compliance

The U.S. Green Building Council LEED program is an internationally recognized green building certification system, providing third-party verification that a building was designed and built using strategies aimed at improving performance across all the metrics that matter most, including stewardship of resources and sensitivity to their impacts. Concept Frames is concerned about our impact on the environment and can help you with your LEED projects.

Our steel vendors have prepared the following information to help calculate the recycled content of the steel for products being used in “Green Building” applications or for projects in the LEED® program. Percentages are approximate and based on the total weight of the products. Calculations are based on 2008 scrap steel delivered and finished materials produced and are defined in accordance with ISO 14021:1999.

Materials and Resources: Recycled Content of Steel used in Doors and Frames

<b>Total Recycled Content</b>	<b>Total Post Consumer Recycled Content</b>	<b>Total Pre-Consumer (Post Industrial) Recycled Content</b>
61.20%	53.20%	8.00%

Steel doors and frames manufactured by Concept Frames are made up primarily by sheet steel that meets the recycled figures above. A minor portion of the product weight consists of components such as reinforcements and light kits that are purchased from domestic manufacturers and will vary depending on the project requirements.

Materials and Resources: Regional Materials

Concept Frames manufactures all door and frames in Newton, NC 28658. The amount of scrap extracted from any project site region for steel being used for door and frames in “Green Building” applications or for projects in the LEED® program can be approximated.

For more information, please contact us at 888-234-9455.

**Product Specifications:**

Steel doors and frames are manufactured by Concept Frames, Inc., Newton, NC. They conform to HMMA guide specification 860-11.

**Materials:**

Frames are formed from commercial quality cold rolled steel conforming to ASTM 366 or A620 & A568; or (optional) A60 galvanealed steel conforming to ASTM A924 and A653.

Doorskins and all exterior door components are formed from commercial quality A60 galvanealed steel conforming to ASTM A924 and A653. Internal components are formed from commercial quality cold rolled steel conforming to ASTM 366 or A620 & A568.

**Construction:**

Frames are knocked down (K.D.) field assembled type or welded unit type (See job specification). Head and jamb members of K.D. frames have die cut mitered corners that interlock rigidly when field assembled. Integral door stops are 5/8" high. Jambs are sized to suit wall applications. Anchors are available for new masonry, wood stud, metal stud or existing opening wall conditions (indicate which). Floor anchors or extra jamb anchors are provided to anchor sill; welded floor anchors at welded frames.

Doors have mechanical interlocked seams or seams butted in the center; visible edge seam standard, seamless filled and seamless welded available. Door edges standard beveled both edges 1/8" in 2", square edges optional

**Door Cores:**

Doors are provided with 22 or 16 gauge steel stiffeners, expanded polystyrene, honeycomb, or temperature rise cores

**Hardware Provisions:**

Doors and Frames are handed. Hinge reinforcements are mortised for 4 1/2" or 5" high, standard or heavy weight hinges (indicate which). 7 gauge steel reinforcements are welded in place and are drilled and tapped for fasteners in accordance with ANSI A1S6.7.

Locksets, exit devices, and controlling hardware reinforced in accordance with ANSI A115 and manufacturers recommendations

Strikes are prepared to receive a 4 7/8" universal or 2 3/4" cylindrical strike in accordance with ANSI A115.1 & 2 (specify which strike is required). Plaster guards are provided at masonry openings.

**Paint:**

Steel doors and frames are provided with one coat of rust inhibitive primer paint. Primer coat shall conform to ANSI A250.10. The primer coat is a preparatory base for necessary finish painting.



Date:10/13/09

# Door and Frame specifications

Concept Frames Incorporated  
PO Box 248  
Newton, NC 28658  
Phone: 888-234-9455  
Fax: 800-631-9089

# Concept Frames, Inc.

Toll Free: (888) 234-9455 Fax: (800) 631-9089

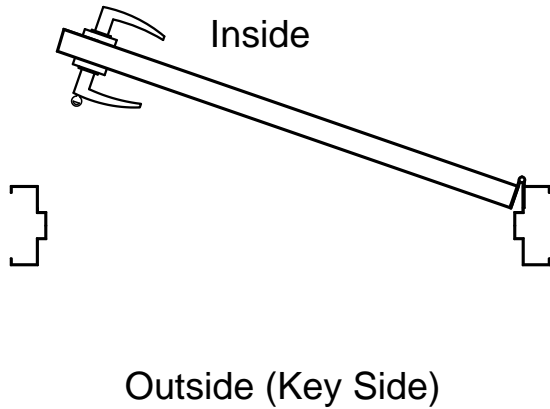
2015 Industrial Drive, Newton NC 28658

[www.ConceptFrames.com](http://www.ConceptFrames.com)

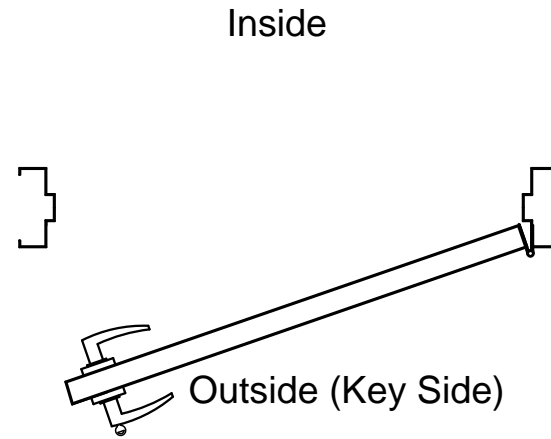


Fraction & Decimal Equivalents						
		1/64	0.0156		33/64	0.5156
	<b>1/32</b>		<b>0.0313</b>		<b>17/32</b>	<b>0.5313</b>
		3/64	0.0469		35/64	0.5469
	<b>1/16</b>		<b>0.0625</b>		<b>9/16</b>	<b>0.5625</b>
		5/64	0.0781		37/64	0.5781
	<b>3/32</b>		<b>0.0938</b>		<b>19/32</b>	<b>0.5938</b>
		7/64	0.1094		39/64	0.6094
	<b>1/8</b>		<b>0.1250</b>		<b>5/8</b>	<b>0.6250</b>
		9/64	0.1406		41/64	0.6406
	<b>5/32</b>		<b>0.1563</b>		<b>21/32</b>	<b>0.6563</b>
		11/64	0.1719		43/64	0.6719
	<b>3/16</b>		<b>0.1875</b>		<b>11/16</b>	<b>0.6875</b>
		13/64	0.2031		45/64	0.7031
	<b>7/32</b>		<b>0.2188</b>		<b>23/32</b>	<b>0.7188</b>
		15/64	0.2344		47/64	0.7344
	<b>1/4</b>		<b>0.2500</b>		<b>3/4</b>	<b>0.7500</b>
		17/64	0.2656		49/64	0.7656
	<b>9/32</b>		<b>0.2813</b>		<b>25/32</b>	<b>0.7813</b>
		19/64	0.2969		51/64	0.7969
	<b>5/16</b>		<b>0.3125</b>		<b>13/16</b>	<b>0.8125</b>
		21/64	0.3281		53/64	0.8281
	<b>11/32</b>		<b>0.3438</b>		<b>27/32</b>	<b>0.8438</b>
		23/64	0.3594		55/64	0.8594
	<b>3/8</b>		<b>0.3750</b>		<b>7/8</b>	<b>0.8750</b>
		25/64	0.3906		57/64	0.8906
	<b>13/32</b>		<b>0.4063</b>		<b>29/32</b>	<b>0.9063</b>
		27/64	0.4219		59/64	0.9219
	<b>7/16</b>		<b>0.4375</b>		<b>15/16</b>	<b>0.9375</b>
		29/64	0.4531		61/64	0.9531
	<b>15/32</b>		<b>0.4688</b>		<b>31/32</b>	<b>0.9688</b>
		31/64	0.4844		63/64	0.9844
	<b>1/2</b>		<b>0.5000</b>		<b>1</b>	<b>1.0000</b>

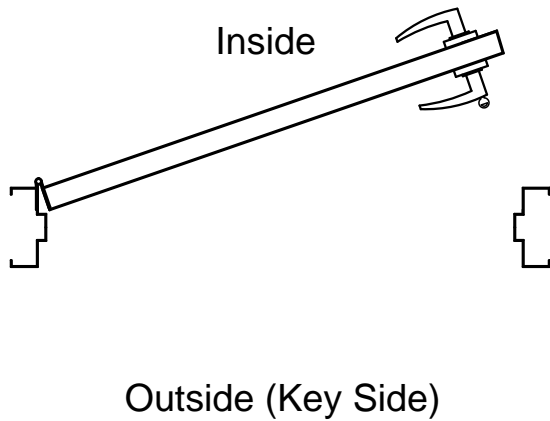
**Custom hollow metal frames & doors as FAST as ONE day!**



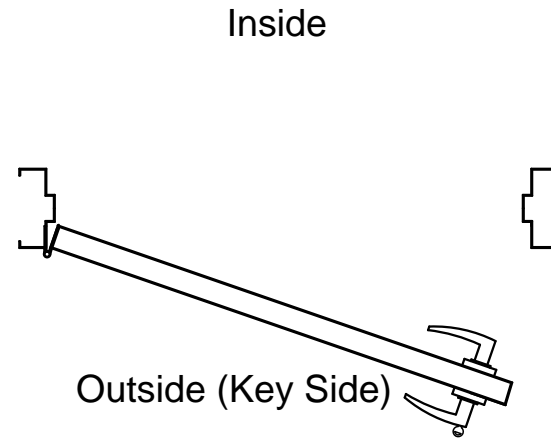
Right Hand (Inswing)



Right Hand Reverse (Outswing)



Left Hand (Inswing)



Left Hand Reverse (Outswing)

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Drawn By: KX

Date: 1-27-2015

Frame and Door Handing Chart