

Schedule Of Hollow Metal Doors and Frames

June 07, 2016

PROJECT

Name: RE-USE WATER PUMP STATION
Address: 2305 EAST 57TH SOUTH
WICHITA KS
Phone:
Superintendent: ROBIN ROBERTS
316-722-8180

Engineer:

CONTRACTOR

Name: DESIGN BUILD CONST
Address: 1330 E 37TH STREET NORTH
WICHITA KS 67219
Phone: 316-722-8180
Contact: ROBIN

ARCHITECT

Name:
Address:
Phone:
Project Number:

Revision #

June 07, 2016

The Genuine. The Original.



Overhead Door Company of Wichita
A DH Pace Company

3506 West Hary
Wichita KS 67213
Tel: (316) 944-3667 Fax: (316) 944-6465

RE-USE WATER PUMP STATION TO SERVE SPIRIT AEROSYSTEMS

Control No. 1490

JC-RE-USEWPS

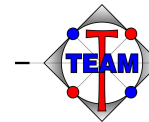
Submitted By: JEFF COCKING

Abbreviations Used

Abb	Description
A-60	GALVANNEALED, HOT DIPPED, HEAT TREATED, 60Z ZINC COATED STEEL
ADJ	ADJUSTABLE BASE
F	FLUSH
FACE WELD	FULL FACE WELD
HMD	HOLLOW METAL DOOR
HMF	HOLLOW METAL FRAME
L	FULL FLUSH
LS	LOCK SEAM
PR	PAIR OF DOORS
PRI	PRIME
PS	POLYSTYRENE CORE
SGL	SINGLE DOOR
SS WELD	STEEL STUD WELD
STE	STEELCRAFT

- | | |
|--|--|
| <input checked="" type="checkbox"/> REVIEWED | <input type="checkbox"/> REVIEWED AS NOTED |
| <input type="checkbox"/> REJECTED | <input type="checkbox"/> REVISE & RESUBMIT |

This review is only for general conformance with the design concept and the information given in the Construction Documents. Corrections or comments made on the shop drawings and submittals during this review do not relieve the contractor from compliance with the requirements of the plans and specifications and applicable laws, codes and regulations. Review of a specific item shall not include review of an assembly of which the item is a component. The contractor is responsible for: dimensions to be confirmed and correlated at the jobsite; information that pertains solely to the fabrication processes or to the means, methods, techniques, sequences and procedures of construction; coordination of the Work with that of all other trades and performing all Work in a safe and satisfactory manner.



ARCHITECTURE

BY: dga

DATE: 06-20-16

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Frame Schedule

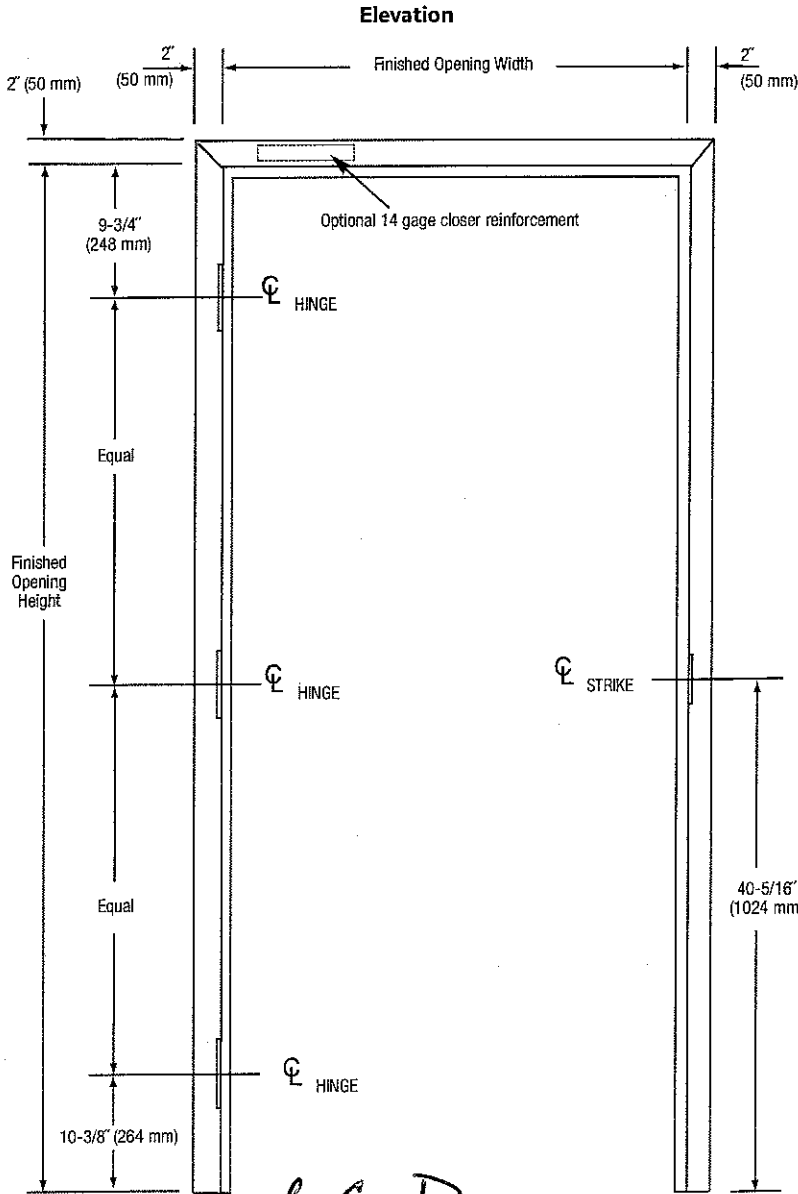
Quantity	Single/Pr	Mark #	Arch Fr Type	Area	Outside	T0/From	Inside	Type	Mfr	Material	Series	Ga/Thickness	Door Thick	Rating	Agency	Jamb Depth	Nominal Door Opening	Hand	Wall Thk	Rough Opg	Anchor	Finish	Constr	Deg Opening	HW Set	Notes
1	SGL	101B	B		EXTERIOR	T	CHLORINATIO N 101	HMF	STE	A-60	F	16	1 3/4			5 3/4	3-0 x 7-0	LH			SS WEL D	PRI	FACE WELD		02	FLAT STRAP METAL BUILDING ANCHORS WELDED IN
1	SGL	101C	C		PUMPS	T	CHLORINATIO N 101	HMF	STE	A-60	F	16	1 3/4			5 3/4	3-0 x 7-0	LH			SS WEL D	PRI	FACE WELD		04	FLAT STRAP METAL BUILDING ANCHORS WELDED IN
1	PR	102	D		EXTERIOR	F	PUMPS 102	HMF	STE	A-60	F	16	1 3/4			5 3/4	6-0 x 7-0	RHRA			SS WEL D	PRI	FACE WELD		03	FLAT STRAP METAL BUILDING ANCHORS WELDED IN
1	PR	103A	D		EXTERIOR	F	MCC 103	HMF	STE	A-60	F	16	1 3/4			5 3/4	6-0 x 7-0	RHRA			SS WEL D	PRI	FACE WELD		03	FLAT STRAP METAL BUILDING ANCHORS WELDED IN
1	SGL	103B	C		PUMPS 102	F	MCC 103	HMF	STE	A-60	F	16	1 3/4			5 3/4	3-0 x 7-0	LHR			SS WEL D	PRI	FACE WELD		05	FLAT STRAP METAL BUILDING ANCHORS WELDED IN

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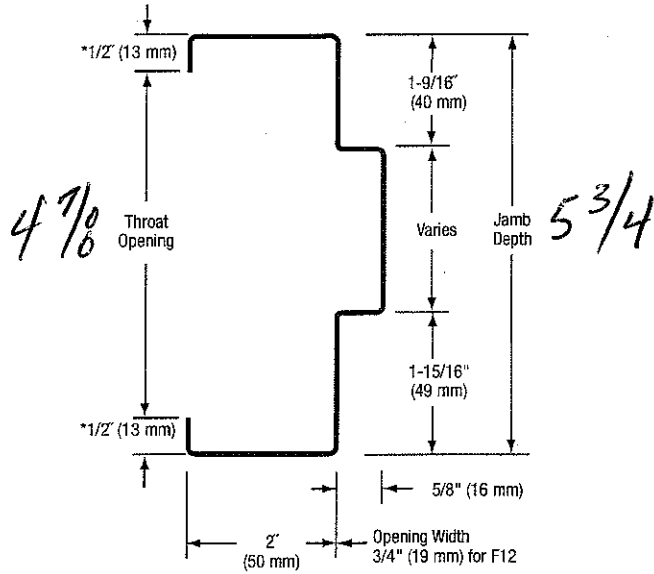


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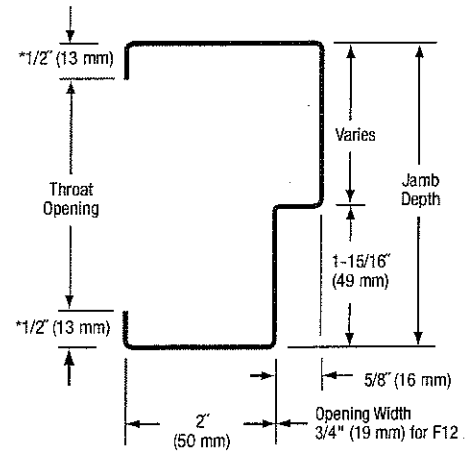
RE-USE WATER PUMP STATION
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Standard Double Rabbet Frame



Single Rabbet Frame



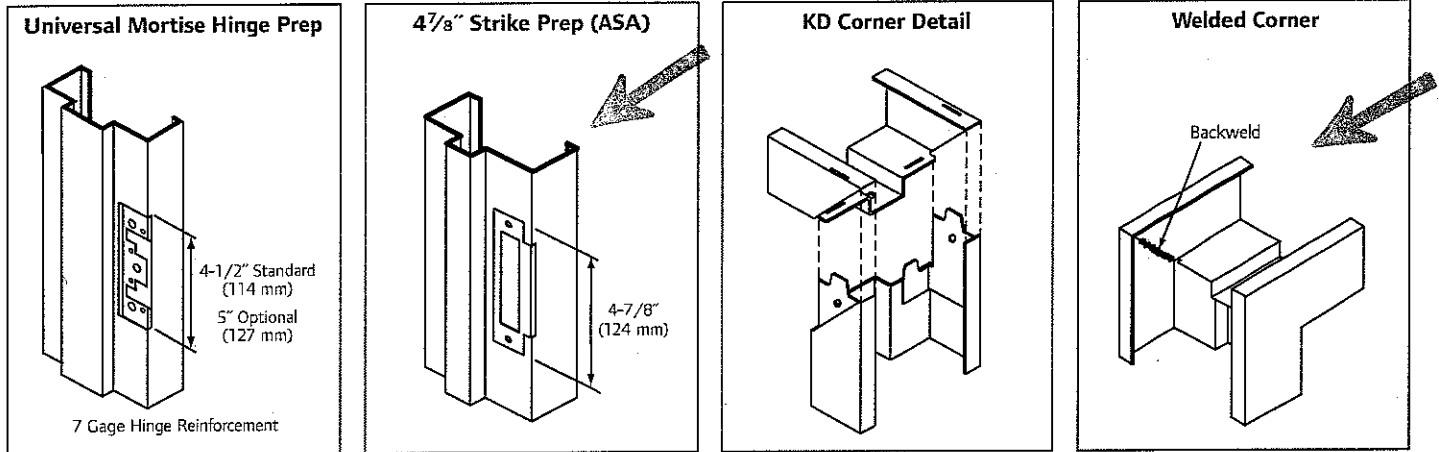
* 7/16" (11mm) on 5-3/4" frame depth

FRAME SIZING OPTIONS

SERIES	MAXIMUM OPENING SIZE		JAMB DEPTH AVAILABILITY (profile)				STANDARD PROFILE DIMENSIONS (Variations Available)			CORNERS
	Single	Pair	SINGLE RABBET		DOUBLE RABBET		FACE	STOP	RETURNS	
			Minimum	Maximum	Minimum	Maximum				STANDARD
F16	5'-0" x 11'-0"	10'-0" x 11'-0"	3"	20"	4-3/4"	20"	2"	5/8"	1/2"*	DIE MITERED with four (4) concealed tabs interlocking head and jamba
F14	(1524mm x 3353mm)	(2439mm x 3353mm)	(76mm)	(508mm)	(121mm)	(508mm)	(50mm)	(16mm)	(13mm)	
F12	4'-0" x 8'-0"	8'-0" x 8'-0"	N/A	N/A	4-3/4"	14-3/4"	2"	3/4"	1/2"	Square cut for welded corners
	(1524mm x 3353mm)	(2439mm x 3353mm)	(76mm)	(508mm)	(121mm)	(375mm)	(50mm)	(19mm)	(13mm)	

*except 5-3/4" (146mm) depth, which is 7/16" (11mm) N/A - Not Available

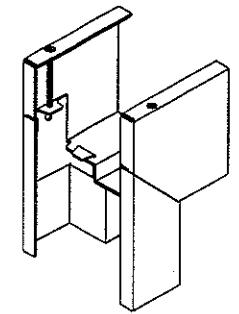




GENERAL NOTES:

1. Variations in jamb depths available in 1/8" (3mm) increments.
2. All F Series frames are supplied standard with masonry wire or lock-in jamb anchors and adjustable base anchors. Anchors are designed for maximum wall/frame engagement and installation flexibility.
3. F Series Frames are to be installed as part of the wall framing sequence.
4. Depending on environmental and usage conditions the steel can be either cold rolled or galvanized. Galvanized steel is recommended for all exterior applications.

Optional 4" (102mm) Face Head Detail



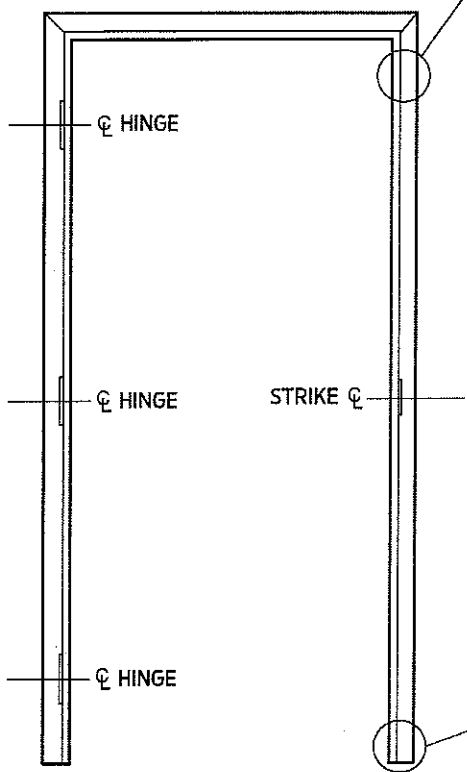
FRAME OPTIONS

SERIES	FRAME PROFILE		CORNER CONNECTIONS				4" (102mm) HEADS
			KD (Knock-Down)		SUA (Set-Up & Weld)		
	SINGLE RABBET	DOUBLE RABBET	SINGLE RABBET	DOUBLE RABBET	SINGLE RABBET	DOUBLE RABBET	
F16	Typically for walls less than 3-3/4" (95mm) thick. Minimum walls thickness 2" (51mm)	Typically for walls 3-3/4" (95mm) thickness or greater	3 interlocking corner tabs per factory die-miter. See the "KD Corner Detail"	4 interlocking corner tabs per factory die-miter. See the "KD Corner Detail"	Available when specified, and in accordance with ANSI A250.8-2003 (SDI 100).		Die-mitered for use with 2" (51mm) face double rabbet jambs. Available when specified for KD or SUA applications.
F14							
F12	N/A		N/A	N/A	Standard Saw Cut and welded, and in accordance with ANSI A250.8-2003 (SDI 100)		For use with 2" (51mm) face double rabbet jambs.

N/A = Not Available

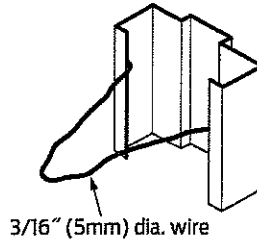
F, FN, MU, FE, and DE Series

Standard Lock-In Jamb Anchors are supplied on standard F Series frames having 2" faces

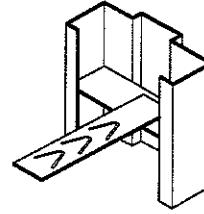


Masonry Wall Applications

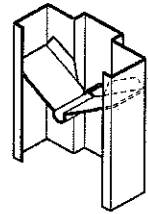
Wire Masonry Anchor



Masonry "T" Anchor

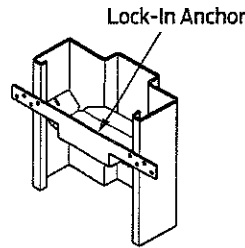


Existing Wall Anchor

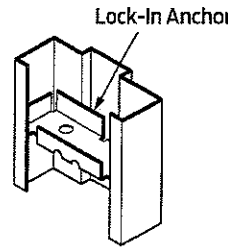


Stud Wall Applications

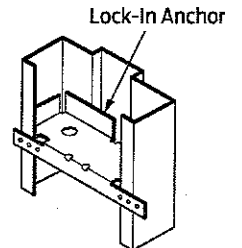
Universal Stud Anchor



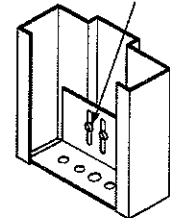
Anchor for Steel Stud Partition



Anchor for Wood Stud Partition



Attached with S.M. screws furnished



Maximum adjustment
1-3/8" (35mm)
below bottom of frame

Anchor Quantities:

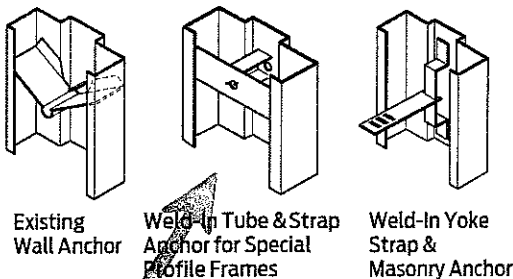
- 3 per jamb through 7'6" height
- 4 per jamb over 7'6" to 12'0" height
- 1 adjustable base anchor per jamb

Anchor Locations:

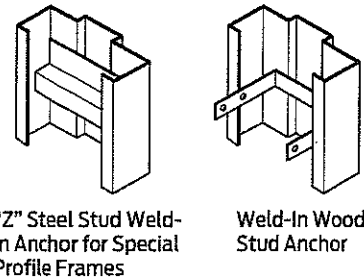
- Locate all anchors on hinge jamb as close to top of hinge reinforcement as possible.
- Locate anchors on strike jamb in the corresponding position as the hinge jamb.

Specialty Weld-In Jamb Anchors are supplied for custom frames and special wall applications when specified.

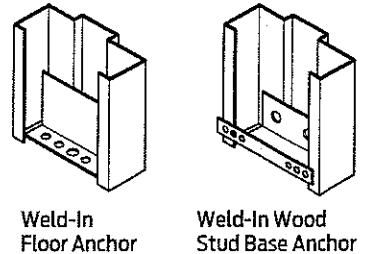
Masonry Wall Application



Stud Wall Anchors



Sill Anchors



*FLAT STRAP
MTL-1506-Anchor*

Door Schedule

Mark # Arch Mk	Outside / Inside Location	Qty	Opng	Hand	Door Width	Door Height	Door Thick	Fire Rating	Door Type	Door Mfgr	Door Series	Door Core	Ga	Door Face	Door Fin	Arch Dr Type	Door Remark	Hw Hdg
101B/ 101B	EXTERIOR TO CHLORINATION 101	1	SGL	LH	3-0	7-0	1 3/4		HMD	STE	L	PS	16	A-60	PRI	B		02
101C/ 101C	PUMPS TO CHLORINATION 101	1	SGL	LH	3-0	7-0	1 3/4		HMD	STE	L	PS	18	A-60	PRI	C		04
102 (A)/ 102	EXTERIOR FROM PUMPS 102	1	PR	RHR	3-0	7-0	1 3/4		HMD	STE	L	PS	16	A-60	PRI	C		03
102 (I)/ 102			PR	LHR	3-0	7-0	1 3/4		HMD	STE	L	PS	16	A-60	PRI	C		03
103A (A)/ 103A	EXTERIOR FROM MCC 103	1	PR	RHR	3-0	7-0	1 3/4		HMD	STE	L	PS	16	A-60	PRI	C		03
103A (I)/ 103A			PR	LHR	3-0	7-0	1 3/4		HMD	STE	L	PS	16	A-60	PRI	C		03
103B/ 103B	PUMPS 102 FROM MCC 103	1	SGL	LHR	3-0	7-0	1 3/4		HMD	STE	L	PS	18	A-60	PRI	C		05

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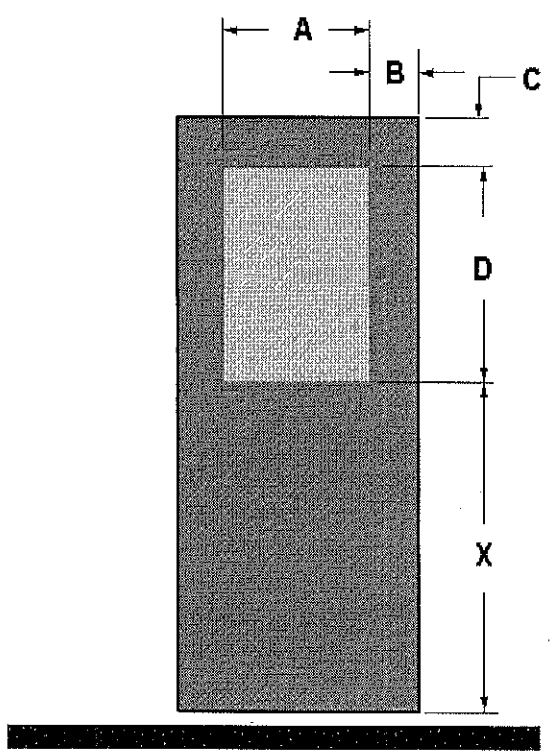
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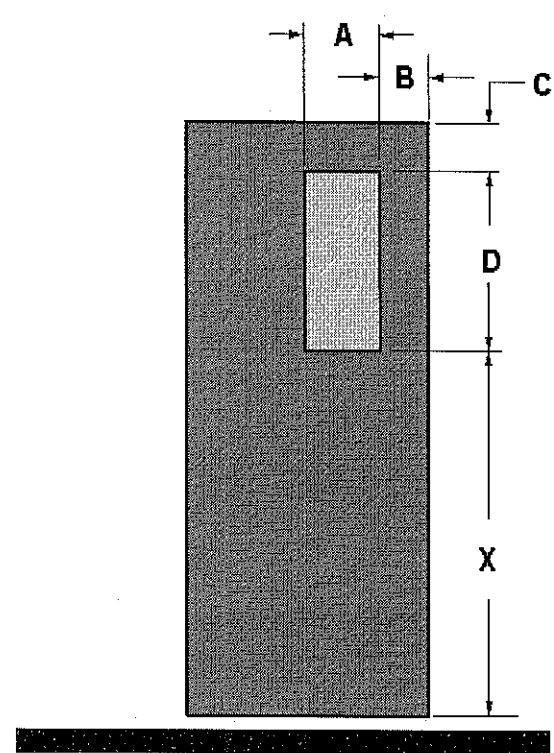
Control No. 1490

JC-RE-USEWPS

Submitted By: JEFF COCKING



A: 24
 B: 6
 C: 8
 D: 34




A: 6
 B: 6
 C: 8
 D: 36 34"

B Arch Dr Type B

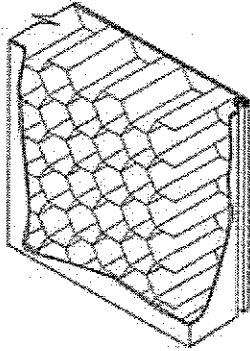
101B

C Arch Dr Type C

101C, 102, 103A, 103B

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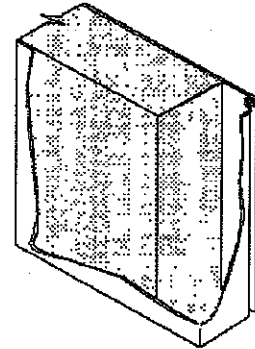
Rigid Honeycomb



Standard Laminated Honeycomb Core

- 1" (25mm) cell, 99 pound Kraft honeycomb
- Honeycomb surfaces sanded for maximum adhesion
- Impregnated with phenolic resin (resists mildew and vermin)
- Laminated to both face sheets with contact adhesive
- Assembled door is run through high pressure pinch rollers, achieving ultimate bond

Optional cores are polystyrene or polyurethane

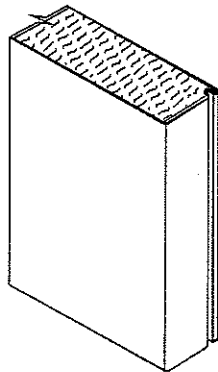


Optional Polystyrene Core

- 1 pound (453.6g) per ft³ density slab
- Laminated to both face sheets with contact adhesive
- Labeled applications

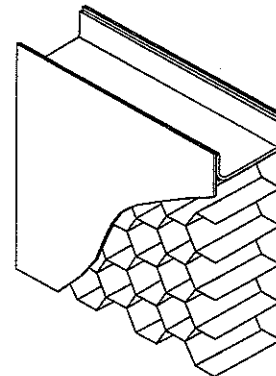
Optional Polyurethane Core

- 1.8 pound (816.5g) per ft³ density slab
- Laminated to both face sheets with contact adhesive
- Non-Labeled applications



Standard Premium Edge Construction

- Beveled hinge & lock edges
- Full height mechanical interlock with epoxy adhesive
- Visible edge seam standard
- Seamless edge optional



Standard Rigid 14 Gage End Channel Construction

- 14 gage inverted galvanized top & bottom channels
- Projection welded to both face sheets
- Optional 24 gage galvanized top caps

DOOR APPLICATION AND USAGE

Series	Steel Thickness	Opening	Usage Frequency	
L20	20 Ga (0.8mm)	Interior - Cold Rolled Steel	Standard Duty	Light Commercial applications with minimal use and abuse
L20	20 Ga (0.8mm)	Exterior - Galvanized Steel		
L18	18 Ga (1.0mm)	Interior - Cold Rolled Steel	Heavy Duty	Heavy Commercial & Institutional applications with high use
L18	18 Ga (1.0mm)	Exterior - Galvanized Steel		
L16	16 Ga (1.3mm)	Interior - Cold Rolled Steel	Extra Heavy Duty	Extra Heavy Commercial applications with potential of very high use
L16	16 Ga (1.3mm)	Exterior - Galvanized Steel		
L14	14 Ga (1.7mm)	Interior - Cold Rolled Steel	Maximum Duty	Extra Heavy Commercial applications with extremely high use
L14	14 Ga (1.7mm)	Exterior - Galvanized Steel		