



**IDAHO TRANSPORTATION DEPARTMENT**

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Boise ID 83707-1129

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itd.idaho.gov

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**ATHOL MAINTENANCE BUILDING**

April 12, 2018  
Requisition #: 18-102/A405070

**ADDENDUM #2**

The following information consists of changes, additions, omissions, deletions, or clarifications to the above mentioned project. All other information will remain the same.

Contractor/Business Name: \_\_\_\_\_

**Question 1**

Specifications section 13125, para 1.7, A,1 states: AISC Certification for Category MB: An AISC-Certified Manufacturer that designs and produces metal building systems and components in an AISC Certified Facility.

The AISC Category MB has not existed since 2008. This certification was replaced with International Accreditation Service AC472. Almost all major manufacturers of pre-engineered metal buildings now have this certification. If a manufacturer currently does not hold a IAS AC472 Certification, then they never had an AISC Category MB Certification to begin with.

Please clarify if the pre-engineered metal building manufacturer is required to be certified under the existing IAS AC472 program or if any welding shop with AISC Certified Welders can supply the metal building.

**Answer 1**

ITD will remove the requirement for an AISC MB Certification Requirement.

**Question 2**

Will you be adding the IAS AC472 Certification Requirement?

**Answer 2**

ITD is not be requiring an IAS AC472 Certification.

**Change 1**

Please see the attached Substitution Request that has been added to this solicitation.

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# SUBSTITUTION REQUEST

(After the Bidding/Negotiating Phase)

Project: Athol Maintenance Building Substitution Request Number: \_\_\_\_\_  
 From: Continental Door Company  
 To: Hutchinson Smith Architects Date: 4/11/2018  
 A/E Project Number: \_\_\_\_\_  
 Re: Specification 08361 Contract For: \_\_\_\_\_

Specification Title: Sectional Overhead Doors Description: Overhead Door Company Model 592  
 Section: 08361 Page: 8 Article/Paragraph: 2.7.A

Proposed Substitution: Clopay Building Products Model 3720  
 Manufacturer: Clopay Building Products Phone: 800-526-4301  
 Address: Troy, OH  
 Trade Name: Overhead Doors Model No.: 3720  
 Installer: Continental Door Company Phone: 509-921-2260  
 Address: Spokane, WA

History:  New product  1-4 years old  5-10 years old  More than 10 years old

Differences between proposed substitution and specified product:  
NA

Point-by-point comparative data attached — REQUIRED BY A/E

Reason for not providing specified item:  
Specification calls out for Overhead Door Corporation.

Similar Installation:  
 Project: Spokane Co. Maintenance Bldgs. Architect: ALSC Architects  
 Address: Spokane, WA Owner: Spokane County  
 Date Installed: March 2017

Proposed substitution affects other parts of Work:  No  Yes; explain \_\_\_\_\_

Savings to Owner for accepting substitution: TBD (\$ \_\_\_\_\_).

Proposed substitution changes Contract Time:  No  Yes [Add] [Deduct] \_\_\_\_\_ days.

Supporting Data Attached:  Drawings  Product Data  Samples  Tests  Reports  \_\_\_\_\_

# SUBSTITUTION REQUEST

(After the Bidding/Negotiating Phase — Continued)

The Undersigned certifies:

- Proposed substitution has been fully investigated and determined to be equal or superior in all respects to specified product.
- Same warranty will be furnished for proposed substitution as for specified product.
- Same maintenance service and source of replacement parts, as applicable, is available.
- Proposed substitution will have no adverse effect on other trades and will not affect or delay progress schedule.
- Cost data as stated above is complete. Claims for additional costs related to accepted substitution which may subsequently become apparent are to be waived.
- Proposed substitution does not affect dimensions and functional clearances.
- Payment will be made for changes to building design, including A/E design, detailing, and construction costs caused by the substitution.
- Coordination, installation, and changes in the Work as necessary for accepted substitution will be complete in all respects.

Submitted by: Tina Addington

Signed by: Tina Addington

Firm: Continental Door Company

Address: 8622 E. Rockwell

Spokane, WA 99212

Telephone: (509) 824-2260

Attachments:

Product Cut Sheet

## A/E's REVIEW AND ACTION

- Substitution approved - Make submittals in accordance with Specification Section 01 25 00 Substitution Procedures.
- Substitution approved as noted - Make submittals in accordance with Specification Section 01 25 00 Substitution Procedures.
- Substitution rejected - Use specified materials.
- Substitution Request received too late - Use specified materials.

Signed by: \_\_\_\_\_ Date: \_\_\_\_\_

Additional Comments:  Contractor  Subcontractor  Supplier  Manufacturer  A/E  
 Other:

These doors will be brought in as standard aluminum finish and then modified to have a stainless steel finish to accommodate the pool environment.

# CLOPAY COMMERCIAL – MODELS 3720, 3721, 3723 energy series with intellicore®



Model 3720, 22' 2" x 14' doors

CONSTRUCTION	EFFICIENCY	WARRANTY
2" THICKNESS	18.4 R-VALUE	10YR LIMITED CONSTRUCTION



## POLYURETHANE INSULATED STEEL DOORS

Clopay Models 3720, 3721 and 3723 are for commercial and industrial facilities where ease of maintenance, versatility and durability considerations are all important.

- Intellicore® insulation provides the highest energy efficiency, while remaining environmentally friendly.
- Steel-Sandwich Construction enhances durability and strength.
- 3-Stage Paint Process delivers a maintenance-free finish.
- Thermal Break enhances insulating properties for extreme energy efficiency.
- Optional Accessories add functionality while complementing the building.



Panels are pre-painted inside and out to inhibit rust. Hot-dipped, galvanized steel is painted with primer and given a tough oven-baked polyester top coat to provide the most rust-resistant steel door available. Ten-year warranty against rust-through.

[clopaycommercial.com](http://clopaycommercial.com)

## PANEL DESIGN



## COLOR OPTIONS

### MODEL 3720



### ADDITIONAL COLORS FOR MODELS 3721, 3723



### CUSTOM PAINT OPTION



Color Blast™ offers more than 1,500 Sherwin-Williams® color options to complement your building design. Clopay's durable factory finish has been thoroughly tested and is backed by a five-year warranty.

## FEATURES

### STANDARD HARDWARE

- 18 gauge single-end stiles; 16 gauge double-end stiles
- PVC vinyl astragal with aluminum retainer
- Commercial 10-ball steel rollers (nylon tires available)
- Steel step plate and lift handle
- Heavy-duty galvanized end stiles
- Inside slide lock for increased security
- 19 gauge steel hinge support plates
- 2" (50.8 mm) or 3" (76.2 mm) track
- 10,000 cycle springs

Galvanized aircraft cable with minimum 7:1 safety factor

Variety of track configurations to meet building specifications

### MATERIALS AND CONSTRUCTION

Panel Thickness	2" (50.8 mm)
Insulation	CFC and HCFC-free Intelcore® polyurethane
R-value	18.4*
Thermal Break	Continuous foam
Exterior Steel	27 gauge (.018" min.) (.41 mm)
Interior Steel	28 gauge (.015" min.) (.38 mm)
Exterior Surface	Stucco embossed, minor ribbed (3720) Woodgrain embossed, flush (3721) Woodgrain embossed, elegant raised (3723)
Max Width	3720: 36'2" (11 m); 3721, 3723: 24'2" (7.4 m)
Max Height	3720: 26' (7.9 m); 3721, 3723: 18' (5.5 m)
Exterior Colors	Standard White, Glacier White, Almond, Desert Tan, Sandtone, Commercial Tan, Chocolate, Mocha Brown, Gray, Trinar® White and Trinar® Beige. Also available in Color Blast™.
Interior Color	Standard White
Limited Warranties	10-Year delamination 10-Year rust-through 1-Year material and workmanship

\*Calculated door section R-value is in accordance with DASMA TDS-163.

For special sizes, applications and options, consult Commercial Information Assistance (CIA) at 1-800-526-4301.



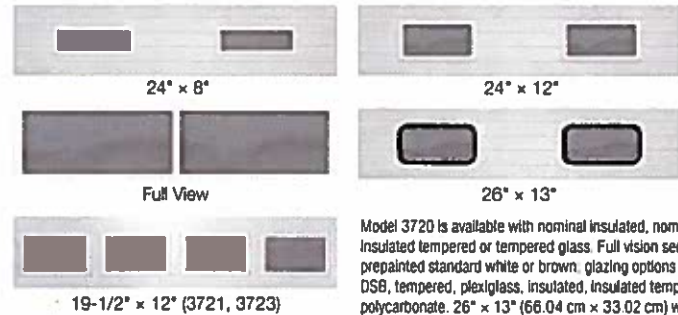
For more information on these and other Clopay products, call 1-800-526-4301 or visit [clopaycommercial.com](http://clopaycommercial.com)



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## ADDITIONAL OPTIONS

### WINDOW OPTIONS



Model 3720 is available with nominal insulated, nominal insulated tempered or tempered glass. Full vision section, pre-painted standard white or brown, glazing options include DSB, tempered, plexiglass, insulated, insulated tempered and polycarbonate. 26" x 13" (66.04 cm x 33.02 cm) windows are available with Lexan® or plexiglass. Models 3721 and 3723 are available with DSB, plexiglass and insulated glass.

### HEAVY-DUTY HARDWARE (where not standard)



Double-end hinge

3" Track

Outside keyed lock

### HIGH CYCLE SPRINGS



25,000, 50,000 or 100,000 cycle springs available.

### MULLIONS



Carry-away, roll-away or swing-up mullions are available on select sizes.

### BREAK-AWAY SECTION



Single section and double sections available on select sizes.

### PASS DOOR



32" wide x 80" high (.81 m x 2.3 m), max 16'2" (4.9 m) wide section.

### EXHAUST PORT



Can be cut into any type of sectional door. Available in select sizes.



WindCode® doors are available in many sizes and pressure ratings.



Upgrade your standard door with industrial-grade components.

### DISTRIBUTED BY:



# COMPARISON CHART



PAN DOORS									
	Manufacturer	Product	Section Gauge	Face Design	Section Thickness	Stile Attachment	Section Joint	Max. Pub. Size	Manufacturing Sites
18 Ga. Products	Overhead Door	416 Series	16	flush	2"	n/a	S	32' x 21'	Grand Island, NE; Williamsport, PA
	Raynor	S-16	16	smooth rib	2"	rivets/weld	T&G	24' x 32'	Dixon, IL
	Wayne-Dalton	Model 216	16	flush	2"	rivets	S	24' x 18'	Mt. Hope, OH
20 Gauge Products	Amarr	Model 2002	20	deep ribbed	2"	Tog-L-Loc™	T&G	24' x 20'	Winston-Salem, NC
	CHI	Model 3220	20	smooth rib	2"	rivets	T&G	24' x 16'	Wauseon, OH
	Clipay	Model 520	20	smooth rib	2"	Tog-L-Loc™	T&G	32' x 26'	Troy, OH
	Haas	Model C2011	20	smooth rib	2"	n/a	T&G	30' x 20'	Wauseon, OH
	Ideal Door	Model C15T	20	flush	2"	Tog-L-Loc™	T&G	26' x 20'	Troy, OH
	Ideal Door	Model C05T	20	smooth rib	2"	Tog-L-Loc™	T&G	26' x 20'	Troy, OH
	Overhead Door	420 Series	20	smooth rib	2"	n/a	S	31' x 24'	Grand Island, NE; Williamsport, PA; Athens, GA
	Raynor	Model S-20	20	smooth rib	2"	rivets/weld	T&G	40' x 32'	Dixon, IL
	Wayne-Dalton	Model C-20	20	smooth rib	2"	adhesive/fasteners	T&G	28'2" wide	Mt. Hope, OH
	Wayne-Dalton	Model 220	20	smooth rib	2"	rivets	S	28'2" wide	Mt. Hope, OH
Windsor	Model 200	20	smooth rib	2"	Tog-L-Loc™	T&G	n/a	Little Rock, AR	
24 Gauge Products	Amarr	Model 2402	24	deep ribbed	2"	Tog-L-Loc™	T&G	24' x 20'	Winston-Salem, NC
	CHI	Model 3240	24	smooth rib	2"	rivets	T&G	34' x 16'	Wauseon, OH
	Clipay	Model 524	24	smooth rib	2"	Tog-L-Loc™	T&G	26' x 24'	Troy, OH
	Clipay	Model 664	24	raised panel	1-7/8"	Tog-L-Loc™	T&G	20' x 18'	Troy, OH
	Haas	Model C2411	24	smooth rib	2"	blind rivets	T&G	30' x 20'	Wauseon, OH
	Haas	Model C2470	24	ranch raised panel	2"	blind rivets	T&G	18' x 16'	Wauseon, OH
	Haas	Model C2480	24	raised panel	2"	blind rivets	T&G	24' x 16'	Wauseon, OH
	Ideal Door	Model C4RT	24	raised panel	1-7/8"	Tog-L-Loc™	T&G	24' x 20'	Troy, OH
	Ideal Door	Model C4ST	24	smooth rib	2"	Tog-L-Loc™	T&G	24' x 20'	Troy, OH
	Overhead Door	424 Series	24	smooth rib	2"	n/a	S	30' x 24'	Grand Island, NE; Williamsport, PA; Athens, GA
	Raynor	Model S-24	24	smooth rib	2"	rivets/weld	T&G	32' x 32'	Dixon, IL
	Wayne-Dalton	Model C-24	24	smooth rib	2"	adhesive/fasteners	T&G	30'2" wide	Mt. Hope, OH
	Wayne-Dalton	Model 2415	24	smooth rib	2"	n/a	S	32'2" wide	Mt. Hope, OH
	Windsor	Model 240	24	smooth rib	2"	Tog-L-Loc™	T&G	24' x 20'	Little Rock, AR
25, 26, and Nom. 24 Ga. Products	Amarr	Model 2502	nominal 24	deep ribbed	2"	Tog-L-Loc™	T&G	20' x 14'	Winston-Salem, NC
	CHI	Model 3250	25	smooth rib	2"	rivets	T&G	20' x 16'	Wauseon, OH
	Clipay	Model 525	25	smooth rib	2-1/8"	Tog-L-Loc™	T&G	20' x 18'	Troy, OH
	Haas	Model C2511	nominal 24	smooth rib	2"	blind rivets	T&G	18' x 16'	Wauseon, OH
	Ideal Door	Model C5ST	25	smooth rib	2"	Tog-L-Loc™	T&G	18' x 14'	Troy, OH
	Ideal Door	Model C5EST	25	woodgrain rib	2"	Tog-L-Loc™	T&G	18' x 14'	Troy, OH
	Overhead Door	430 Series	nominal 24	smooth rib	2"	n/a	S	20' x 16'	Grand Island, NE; Williamsport, PA; Athens, GA
	Raynor	Model S-24C	nominal 24	smooth rib	2"	rivets/weld	T&G	20' x 16'	Dixon, IL
	Wayne-Dalton	Model 2400	nominal 24	smooth/pebble rib	2"	adhesive/fasteners	T&G	20' x 14'	Portland, OR
	Wayne-Dalton	Model 2411	nominal 24	smooth rib	2"	n/a	S	20'2" wide	Mt. Hope, OH

Notes: 24 ga. G60 steel is no thinner than 0.0219 inches thick per AISI and DASMA.  
Nominal 24 ga. G60 may be as thin as 0.0189 inches thick, or 25 ga.

S = Shiplap Section Joint  
T&G = Tongue-and-Groove Section Joint

## INSULATED PAN DOORS

	Manufacturer	Product	Section Gauge	Face Design	Section Thickness	Insulation	Mfg. Pub. R-value*	Section Joint	Steel Backer Gauge	Stile Attachment	Maximum Published Size
16 Ga. Products	Overhead Door	418 Series	16	flush	2"	EPS, ISO	7.35	S	26	n/a	30' x 21'
	Raynor	S-16	16	flush	2"	EPS	7.7	T&G	n/a	n/a	24' x 32'
	Wayne-Dalton	Model 216	16	flush	2"	EPS	6.8	S	n/a	n/a	24' x 18'
20 Gauge Products	Amarr	Model 2022	20	deep ribbed	2"	EPS	6.64	T&G	25 ga	Tog-L-Loc™	24' x 20'
	Amarr	Model 2012	20	deep ribbed	2"	EPS	6.64	T&G	vinyl	Tog-L-Loc™	24' x 20'
	CHI	Model 3221	20	smooth rib	2"	EPS	8	T&G	vinyl	rivets	24' x 16'
	CHI	Model 3222	20	smooth rib	2"	EPS	8	T&G	27	rivets	24' x 16'
	Clopay	Model 520S	20	smooth rib	2"	EPS	6.66	T&G	30, 24	Tog-L-Loc™	32' x 26'
	Haas	Model C2011L	20	smooth rib	2"	EPS	7.45	.135	vinyl	n/a	30' x 20'
	Haas	Model C2011S	20	smooth rib	2"	EPS	7.45	.135	n/a	n/a	30' x 20'
	Ideal Door	Model C0SS	20	smooth rib	2"	EPS	6.66	T&G	30, 24	Tog-L-Loc™	26' x 20'
	Ideal Door	Model C1SS	20	flush	2"	EPS	6.66	T&G	30, 24	Tog-L-Loc™	26' x 20'
	Overhead Door	422 Series	20	smooth rib	2"	EPS, ISO	7.35	S	26	n/a	29' x 24'
	Raynor	Model S-20	20	smooth rib	2"	EPS	7.7	T&G	26, 24, 20	rivets/weld	40' x 32'
	Wayne-Dalton	Model 220	20	smooth rib	2"	EPS	6.8	T&G	24	rivets	24' x 18'
	Windsor	Model 200	20	smooth rib	2"	EPS, PUR	n/a	T&G	n/a	Tog-L-Loc™	24' x 20'
24 Gauge Products	Amarr	Model 2422	24	deep ribbed	2"	EPS	6.64	T&G	25	Tog-L-Loc™	24' x 20'
	Amarr	Model 2412	24	deep ribbed	2"	EPS	6.64	T&G	vinyl	Tog-L-Loc™	24' x 20'
	CHI	Model 3241	24	smooth rib	2"	EPS	8	T&G	vinyl	riveted 18 ga.	34' x 16'
	CHI	Model 3242	24	smooth rib	2"	EPS	8	T&G	27	riveted 18 ga.	34' x 16'
	Clopay	Model 524S	24	smooth rib	2"	EPS	6.66	T&G	30, 24	Tog-L-Loc™	26' x 24'
	Clopay	Model 524V	24	smooth rib	2"	EPS	6.66	T&G	vinyl	Tog-L-Loc™	26' x 24'
	Clopay	Model 664V	24	raised panel	2-1/8"	EPS	6.66	T&G	vinyl	Tog-L-Loc™	20' x 28'
	Haas	Model C2411L	24	smooth rib	2"	EPS	7.45	T&G	vinyl	rivets	24' x 16'
	Haas	Model C2411S	24	smooth rib	2"	EPS	7.45	T&G	n/a	rivets	24' x 16'
	Haas	Model C2470L	24	ranch raised panel	2"	EPS	7.45	T&G	vinyl	rivets	24' x 16'
	Haas	Model C2480L	24	raised panel	2"	EPS	7.45	T&G	Vinyl	rivets	24' x 16'
	Haas	Model C2480S	24	raised panel	2"	EPS	7.45	T&G	n/a	rivets	24' x 16'
	Ideal Door	Model C4SS	24	smooth rib	2"	EPS	6.66	T&G	30, 24	Tog-L-Loc™	24' x 20'
	Ideal Door	Model C4SV	24	smooth rib	2"	EPS	6.66	T&G	vinyl	Tog-L-Loc™	24' x 20'
	Ideal Door	Model C4RSS	24	raised panel	2"	EPS	6.66	T&G	31	Tog-L-Loc™	24' x 20'
	Ideal Door	C4RSV	24	raised panel	2"	EPS	6.66	T&G	vinyl	Tog-L-Loc™	24' x 20'
	Overhead Door	426 Series	24	smooth rib	2"	EPS, ISO	7.35	T&G	26	n/a	28' x 24'
	Raynor	Series S-24	24	smooth rib	2"	EPS	7.7	T&G	26, 24, 20	rivets/weld	32' x 32'
	Wayne-Dalton	Model C-24	24	smooth rib	2"	n/a	n/a	S	n/a	n/a	24' x 18'
	Wayne-Dalton	Model 224	24	smooth rib	2"	EPS	6.8	T&G	n/a	rivets	24' x 18'
Wayne-Dalton	Model 2415	24	smooth rib	2"	EPS, PUR	6.6, 11.1	T&G	n/a	adhesives/fasteners	24' x 18'	
Windsor	Model 240	24	smooth rib	2"	EPS, PUR	n/a	T&G	n/a	Tog-L-Loc™	24' x 20'	
25, 26, and Nominal 24 Gauge Products	Amarr	Model 2512	nominal 24	deep ribbed	2"	EPS	6.64	T&G	vinyl	Tog-L-Loc™	20' x 14'
	CHI	Model 3251	25	smooth rib	2"	EPS	8	T&G	vinyl	riveted 18 ga.	20' x 16'
	CHI	Model 3252	25	smooth rib	2"	EPS	8	T&G	27	riveted 18 ga.	20' x 16'
	Clopay	Model 525S	25	smooth rib	2"	EPS	6.66	T&G	30, 24	Tog-L-Loc™	20' x 18'
	Clopay	Model 525V	25	smooth rib	2"	EPS	6.66	T&G	vinyl	Tog-L-Loc™	20' x 18'
	Haas	Model C2511L	nominal 24	smooth rib	2"	EPS	7.45	T&G	vinyl	n/a	16' x 16'
	Haas	Model C2511S	nominal 24	smooth rib	2"	EPS	7.45	T&G	n/a	n/a	16' x 16'
	Ideal Door	Model C6SS	25	smooth deep rib	2"	EPS	6.66	T&G	30, 24	Tog-L-Loc™	20' x 16'
	Ideal Door	Model C6SV	25	smooth deep rib	2"	EPS	6.66	T&G	vinyl	Tog-L-Loc™	20' x 16'
	Ideal Door	Model C6ESS	25	woodgrain rib	2"	EPS	6.66	T&G	30, 24	Tog-L-Loc™	18' x 14'
	Ideal Door	Model C6ESV	25	woodgrain rib	2"	EPS	6.66	T&G	vinyl	Tog-L-Loc™	18' x 14'
	Overhead Door	432 Series	26	smooth rib	2"	EPS	7.35	S	26	n/a	20' x 16'
	Raynor	Series S-24C	nominal 24	smooth rib	2"	EPS	7.7	T&G	26, 24	rivets/weld	20' x 16'
	Wayne-Dalton	Model 2400	nominal 24	smooth/pebble rib	2"	n/a	n/a	T&G	n/a	n/a	20' x 14'
	Wayne-Dalton	Model 2411	26	smooth rib	2"	EPS, PUR	6.6, 11.1	T&G	n/a	n/a	18' x 16'

Note: 24 ga. G60 steel is no thinner than 0.0219 inches thick per AISI and DASMA. Nom. 24 ga. G60 may be as thin as 0.0189 inches thick, or 25 ga.

\* Calculated door section R-value is in accordance with DASMA TDS-163.

EPS = Expanded Polystyrene  
PUR = Polyurethane  
ISO = Isocyanurate

S = Shiplap Section Joint  
T&G = Tongue-and-Groove Section Joint

## SANDWICH DOORS

	Manufacturer	Product	Section Thickness	Insulation	Exterior Gauge	Interior Gauge	Mfg. Pub. R-value*	Tested Installed U-factor**	Section Joint	Warranty (Delamination)	Hinge Plate	Maximum Published Sizes	
1-3/8" and 1-1/2" Thick Products	Overhead Door	598 Series	1"	PUR	29	n/a	9.31	.107	S	8-year limited	continuous	16' x 14'	
	Wayne-Dalton	TS125	7/8"	PUR	27	30	10.79	0.093	T&G	7-year limited	fixed plate	16' x 16'	
	Amarr	Model 2741	1-3/8"	PUR	27	27	14.46	n/a	T&G	5-year limited	continuous 20 ga. x 3-1/4"	18' x 14'	
	Amarr	Model 2731	1-3/8"	EPS	27	27	6.48	n/a	T&G	10-year limited	backer plates	18' x 14'	
	CHI	Model 3206	1-1/2"	PUR	28	28	13.68	0.073	T&G	10-year limited	continuous	18' x 16'	
	Clopay	Model 3150	1-3/8"	EPS	27	27	6.5	n/a	T&G	10-year limited	2" x 3" plate	18' x 16'	
	Clopay	Model 3154	1-3/8"	EPS	27	27	6.5	n/a	T&G	10-year limited	2" x 3" plate	18' x 16'	
	Clopay	Model 3715	1-3/8"	PUR	27	27	12.9	0.19	T&G	10-year limited	2" x 3" plate	18' x 16'	
	Haas	Model 600 Series	1-3/8"	PUR	26	26	13.45	n/a	T&G	5-year limited	n/a	18' x 16'	
	Ideal Door	Model C7X15	1-3/8"	PUR	27	27	12.9	n/a	T&G	10-year limited	2" x 3" plate	18' x 16'	
	Overhead Door	Model 515	1-3/8"	PUR	28	28	12.12	0.0825	T&G	10-year limited	n/a	20' x 20'	
	Overhead Door	Model 593	1-3/8"	PUR	28	28	12.76	0.078	S	10-year limited	continuous	20 x 16'	
	Richards-Wilcox	Model T-150	1-1/2"	PUR	27	30	13.21	0.43	S	5-year limited	continuous 1-5/8"	28' x 22'	
	Wayne-Dalton	Model TS150	1-3/8"	PUR	27	n/a	14.16	0.071	T&G	10-year limited	fixed plate	26'2" wide	
	Wayne-Dalton	Model TM5150	1-3/8"	PUR	27	n/a	12.12	0.0825	T&G	10-year limited	fixed plate	20'2" wide	
Wayne-Dalton	Model TM5155	1-3/8"	PUR	27	n/a	12.12	0.0825	T&G	10-year limited	fixed plate	20'2" wide		
1-5/8" and 1-3/4" Thick Products	Arm-R-Lite	Model H-16	1-3/4"	PUR	26	26	16	n/a	T&G	1-year limited	continuous 3-3/4"	28' wide	
	Arm-R-Lite	Model H-20	1-3/4"	PUR	20	26	16	n/a	n/a	1-year limited	continuous 3-3/4"	n/a	
	Clopay	Model 3717	1-3/4"	PUR	27	27	16.2	0.18	T&G	10-year limited	2" x 3" plate	32' x 26'	
	Clopay	Model 3718	1-3/4"	PUR	27	27	16.2	0.18	T&G	10-year limited	2" x 3" plate	32' x 24'	
	Garaga	G-1000	1-3/4"	PUR	24	24	16	n/a	T&G	10-year limited	continuous	29'6" x 24'	
	Haas	Model 700 Series	1-3/4"	PUR	26	26	16.18	n/a	T&G	5-year limited	backer plates	n/a	
	Ideal Door	Model C7X17	1-3/4"	PUR	27	27	15.05	0.18	T&G	10-year limited	2" x 3" plate	32'2" wide	
	Ideal Door	Model C7X18 flush	1-3/4"	PUR	27	27	15.05	0.18	T&G	10-year limited	2" x 3" plate	32'2" wide	
	Overhead Door	Model 591	1-5/8"	PUR	28	28	14.86	0.07	S	10-year limited	continuous	35' x 24'	
	Richards-Wilcox	T175	1-3/4"	PUR	26	30	16	0.355	S	5-year limited	continuous 1-5/8"	24' x 20'	
	1-7/8" and 2" Thick Products	Amarr	Model 2432	2"	EPS	24	27	9.19	n/a	T&G	10-year limited	n/a	24' x 20'
		Amarr	Model 2042	2"	PUR	20	27	19.4	n/a	T&G	10-year limited	continuous 20 ga. x 3-1/4"	32' x 20'
		CHI	Model 3212	2"	PUR	20	27	17.54	0.057	T&G	10-year limited	continuous	24' x 16'
		CHI	Model 3216	2"	PUR	26	27	17.54	0.057	T&G	10-year limited	continuous	32' x 20'
		CHI	Model 3285	2"	EPS	26	27	10.29	0.010	T&G	10-year limited	continuous	28' x 20'
Clopay		Model 3200	2"	EPS	24	27	9.1	0.23	T&G	10-year limited	2" x 3" plate	32' x 24'	
Clopay		Model 3220	2"	EPS	20	20	9.1	0.23	T&G	10-year limited	2" x 3" plate	32' x 24'	
Clopay		Model 3720	2"	PUR	27	27	18.4	0.16	T&G	10-year limited	2" x 3" plate	38' x 26'	
Clopay		Model 3724	2"	PUR	24	27	18.4	0.16	T&G	10-year limited	2" x 3" plate	38' x 24'	
Clopay		Model 3722	2"	PUR	20	27	18.4	0.16	T&G	10-year limited	2" x 3" plate	38' x 24'	
Ideal Door		Model C7X20	2"	PUR	27	27	18.4	0.16	T&G	10-year limited	2" x 3" plate	32'2" wide	
Ideal Door		Model C0X22	2"	PUR	20	27	18.4	0.16	T&G	10-year limited	2" x 3" plate	32'2" wide	
Overhead Door		Model 525	1-7/8"	PUR	28	28	16.22	0.0616	T&G	10-year limited	n/a	22' x 20'	
Overhead Door		Model 592	2"	PUR	28	26	17.5	0.057	S	10-year limited	continuous	40' x 32'	
Overhead Door		Model 596	2"	PUR	20	20	17.4	0.057	S	10-year limited	fixed plate	36' x 24'	
Raynor		TC200	2"	PUR	26	26	10.25	n/a	T&G	10-year limited	n/a	18' x 16'	
Raynor		Model TM200	2"	PUR	26	26	18.3	0.19	S	10-year limited	hybrid	36' x 22'	
Raynor		Model TM175-20	2"	PUR	20	26	16	0.21	S	10-year limited	hybrid	36' x 22'	
Raynor		Model TM175	2"	PUR	25	26	16	0.21	S	10-year limited	hybrid	36' x 22'	
Raynor		StyleForm Optima	2"	EPS	26	26	10.25	n/a	T&G	10-year limited	n/a	18' x 16'	
Raynor		DesignForm Optima	2"	PUR	24 nominal	n/a	18	n/a	Pinch-resistant	10-year limited	n/a	20' x 16'	
Raynor		DesignForm Standard	2"	PUR	24 nominal	n/a	13.08	n/a	Pinch-resistant	10-year limited	n/a	20' x 16'	
Wayne-Dalton		TS200	2"	PUR	27	28	17.5	0.057	T&G	7-year limited	fixed plate	40'2" wide	
Wayne-Dalton		TS-200-20	2"	PUR	20	26	17.5	0.057	T&G	7-year limited	fixed plate	24'2"	
Wayne-Dalton		TM5255	1-7/8"	PUR	27	n/a	16.22	0.0616	T&G	10-year limited	fixed plate	26'2" wide	
Wayne-Dalton	TM5200	1-7/8"	PUR	27	n/a	16.22	0.0616	T&G	10-year limited	fixed plate	26'2" wide		
3" Thick Products	Arm-R-Lite	Thermax	3"	PUR	26	26	25	n/a	n/a	1-year limited	continuous 3-3/4"	n/a	
	Clopay	Model 3360	3"	EPS	25	27	12.15	n/a	T&G	10-year limited	2" x 3" plate	28' x 24'	
	Clopay	Model 3730	3"	PUR	27	27	22.2	n/a	T&G	10-year limited	2" x 3" plate	38' x 24'	
	Haas	814	3"	PUR	26	26	25.8	n/a	T&G	5-year limited	backer plates	38' x 32'	
	Haas	816	3"	PUR	26	26	25.8	n/a	T&G	5-year limited	backer plates	38' x 32'	
	Haas	832	3"	PUR	20	26	25.8	n/a	T&G	5-year limited	backer plates	38' x 32'	
	Haas	833	3"	PUR	20	26	25.8	n/a	T&G	5-year limited	backer plates	38' x 32'	
	Haas	832-20	3"	PUR	20	20	25.8	n/a	T&G	5-year limited	backer plates	24' x 32'	
	Haas	833-20	3"	PUR	20	20	25.8	n/a	T&G	5-year limited	backer plates	38' x 32'	
	Haas	850	3"	PUR	24	24	25.8	n/a	T&G	5-year limited	backer plates	38' x 32'	
	Haas	851	3"	PUR	24	24	25.8	n/a	T&G	5-year limited	backer plates	38' x 32'	
	Overhead Door	Model 850	3"	PUR	28	28	26	0.14	T&G	3-year limited	continuous	40' x 24'	
	Raynor	TC300	3"	PUR	25	25	17.05	0.19	S	10-year limited	n/a	40' x 32'	
	Raynor	TC320	3"	PUR	20	25	17.05	0.19	S	10-year limited	n/a	20' x 12'	
	Wayne-Dalton	TM530	3"	PUR	27	n/a	26	0.14	T&G	10-year limited	fixed plate	40'2" wide	

\* Calculated door section R-value is in accordance with DASMA TDS-163.

EPS = Expanded Polystyrene  
PUR = Polyurethane

S = Shiplap Section Joint  
T&G = Tongue-and-Groove Section Joint

\*\* Tested installed U-factor is in accordance with DASMA 105

Note: All information is based on best available published literature, as of 9/15.



**ALUMINUM FULL VIEW DOORS**

Manufacturer	Product	Section Thickness	Insulation	Aluminum Thickness	Aluminum Type	Glazing Type	Spring	Center Stile Width	End Stile Width	Section Joint	Colors Available	Strut Type / Attachment
Amarr	Model 3502	2"	n/a	.050"	6063-T6	1/8" DSB	10,000 cycle min., 25,000; 50,000; 100,000 cycle	2-3/4"	3-3/8"	T&G	mill aluminum	steel strut bolted to section
Amarr	Model 3552	2"	n/a	.050"	6063-T6	1/8", 1/2" insulated	10,000 cycle min., 25,000; 50,000; 100,000 cycle	2-3/4"	3-3/8"	T&G	match arch.	aluminum truss bars
Arm-R-Lite	Electra Model	1-3/4"	Available	.075"	6063-T5	1/8" and 1/4"	10,000 cycle min., 25,000; 50,000; 100,000 cycle	1-3/16"	3-3/8"	n/a	clear anodized, dark bronze and baked-on white stock color	heli-arc welds
Arm-R-Lite	Titan Model	1-3/4"	Available	.075"-.085"	6063-T6	1/8", 1/4", 7/16" insulated, 5/8" insulated, 1" insulated	10,000 cycle min., 25,000; 50,000; 100,000 cycle	3-3/8"	3-3/8", 4-1/2", 7-1/2"	n/a	clear anodized, dark brown anodized	heli-arc welds
Arm-R-Lite	Custom CI Model	1-3/4"	Available	.075"-.085"	6063-T6	1/8", 1/4", 7/10", 5/8" insulated	10,000 cycle min., 25,000; 50,000; 100,000 cycle	3-3/8"	4-1/2"	n/a	clear anodized, dark brown anodized	heli-arc welds
Arm-R-Lite	Carriage House Style	1-3/4"	Available	.075"-.085"	6063-T7	1/8", 1/4", 7/10", 5/8" insulated	10,000 cycle min., 25,000; 50,000; 100,000 cycle	3-3/8"	3-3/8", 4-1/2", 7-1/2"	n/a	clear anodized, dark brown anodized	heli-arc welds
CHI	Model 3295	2"	n/a	n/a	6063-T6	1/8" float, 7/16" insulated glass and 1/4" tempered	10,000 cycle min., 25,000; 50,000; 100,000 cycle	2"	4"	n/a	clear anodized and white	n/a
Clopay	Model 902/903	2-1/8"	Available	.050"	6063-T5 or T6	1/16" panel, 1/8", 1/4" and 7/16" insulated glass	10,000 cycle min., 25,000; 50,000; 100,000 cycle	2-3/16"	3-1/2"	T&G	match arch. sample	aluminum built-in fin with bolt on angle
Haas	Model CA-110	1-3/4"	n/a	.065"	6063-T6	1/8", 1/4", or 1/2"	10,000 cycle min., 25,000; 50,000; 100,000 cycle	1-5/16"	3"	T&G	match arch.	integral rib
Haas	Model CA-220	1-3/4"	n/a	.065"	6063-T6	1/8", 1/4", or 1/2"	10,000 cycle min., 25,000; 50,000; 100,000 cycle	2-1/2"	4"	T&G	match arch.	integral rib
Ideal Door	Model C2AL	2-1/8"	Available	.050"	6063-T5	1/16" panel, 1/8", 1/4" and 7/16" insulated glass	10,000 cycle min., 25,000; 50,000; 100,000 cycle	2-3/16"	3-1/2"	T&G	match arch. sample	aluminum built-in fin with bolt on angle
Overhead Door	Model 511	1-3/4"	n/a	.050"	6063-T6	1/16" panel, 1/8" and 1/4" glass	10,000 cycle min., 25,000; 50,000; 100,000 cycle	21/32"	2-3/4"	S	will match color from company standard paint	steel struct bolted to section
Overhead Door	Model 521	1-3/4"	Available	.050"	6063-T6	1/16" panel, 1/8", 1/4" and 7/16" insulated glass	10,000 cycle min., 25,000; 50,000; 100,000 cycle	2-11/16"	3-5/16"	S	will match color from company standard paint	steel strut bolted to section
Raynor	AV300	3"	Available	.050"	6063-T6	1/8", 3/16", 1/4", 1/2"	10,000 cycle min., 25,000; 50,000; 100,000 cycle	3-5/8"	3-3/8"	S	match arch. sample	integral rib
Raynor	AV200	2"	Available	.050"	6063-T6	1/8", 3/16", 1/4", 1/2"	10,000 cycle min., 25,000; 50,000; 100,000 cycle	3-5/8"	3-3/8"	T&G	match arch. sample	steel strut
Raynor	AV175	1-3/4"	Available	.050"	6063-T6	1/8", 3/16", 1/4", 1/2"	10,000 cycle min., 25,000; 50,000; 100,000 cycle	1-7/16"	3-3/8"	S	match arch. sample	integral rib
Wayne-Dalton	Model 451/452	1-3/8"	Available	0.05"	6063-T6	panel, 1/8" and 1/2"	10,000 cycle min., 25,000; 50,000; 100,000 cycle	3"	3-1/2"	T&G	clear, brown, black anodized and RAL powder coat	steel strut bolted to section
Wayne-Dalton	Model K-AL	2"	Available	0.05"	6063-T6	panel, 1/8" and 1/2"	10,000 cycle min., 25,000; 50,000; 100,000 cycle	3"	3"	T&G	clear, brown, black anodized and RAL powder coat	steel strut bolted to section

S = Shiplap Section Joint  
T&G = Tongue-and-Groove Section Joint

**There are no other changes.**

***End of Addendum Two***

**This page MUST BE SIGNED, DATED AND RETURNED with your BID DOCUMENTS**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**I acknowledge receipt of this Addendum and its contents.**