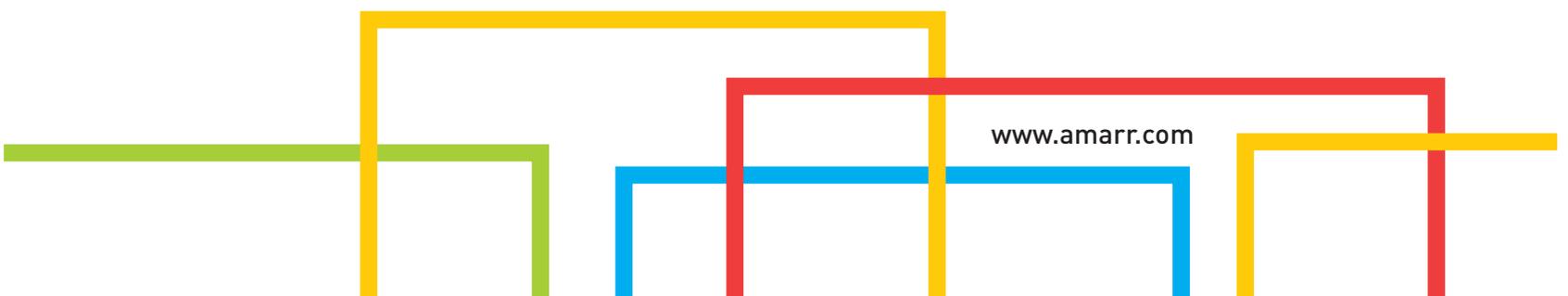




## Amarr® Commercial Sectional Doors



- 
- 4 ALUMINUM FULL VIEW DOORS
  - 6 POLYURETHANE INSULATED STEEL DOORS
  - 8 POLYSTYRENE INSULATED STEEL DOORS
  - 10 RIBBED PANEL STEEL DOORS
  - 12 LEED GOLD CASE STUDY
  - 13 WIND LOAD & TRACK LIFT OPTIONS
  - 14 PRODUCT SPECIFICATIONS

# INDUSTRIAL STRENGTH



## Why Choose Amarr Commercial Sectional Doors?

### PRODUCTS

Entrematic offers a wide range of high-quality, LEED qualified, sustainable products to meet the needs of architects, specifiers, and building professionals.



Amarr doors are designed and tested in our state-of-the-art research facility and manufactured to meet or exceed industry standards.

Our wind load approved and hurricane rated commercial doors meet or exceed building code requirements. See page 13 for more information.

### SERVICE

Our 85 Door Centers, strategically located throughout North America, supply our products to over 3,000 professional door dealers and installers.

### SUPPORT

Amarr Commercial Experts (ACE) provide dealer support for our commercial products, programs, systems, and training. Contact 866.366.4814 or [ace@amarr.com](mailto:ace@amarr.com).

Free AIA accredited continuing education courses.

### ARCHITECT RESOURCES

[architects.amarr.com](http://architects.amarr.com)

- Product Brochures
- 3-Part Specifications
- CAD/BIM Details
- Installation Instructions
- LEED Documentation
- Lunch & Learn Education



# Aluminum Full View Doors

**Amarr 3552** FORMERLY 3550  
Heavy-duty Aluminum door

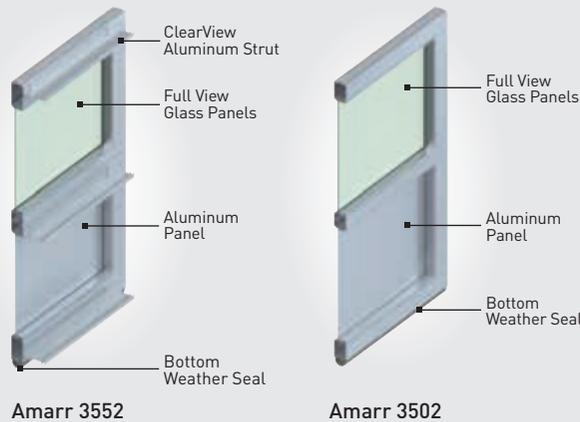
**Amarr 3502** FORMERLY 3500  
Medium-duty Aluminum door

Amarr Aluminum Full View doors can be fitted with a variety of full view glass options, solid aluminum, perforated or louvered ventilation panels. Full View panels can also be used in Amarr sectional steel doors. Perfect for service stations, car washes, fire houses, restaurants, and sports complexes; our aluminum doors create a clean style for any facility.



## CONSTRUCTION

### SINGLE-LAYER Aluminum



- 2" thick extruded commercial-grade aluminum frame provides durability, low maintenance and corrosion resistance
- Tongue and groove section joints and bottom weather seal provide additional protection against the elements
- Heavy-duty through bolt construction
- Available in 1" width increments
- ClearView Aluminum Strut System does not restrict viewing area and adds strength and durability to doors; available up to 24' wide doors (Amarr 3552 only)
- Amarr 3552 available in odd height doors

## SPECIFICATIONS

	Heavy-duty <b>Amarr 3552</b> <small>formerly 3550</small>	Medium-duty <b>Amarr 3502</b> <small>formerly 3500</small>
<b>MATERIAL</b>	Aluminum	Aluminum
<b>CONSTRUCTION LAYERS</b>	Single	Single
<b>PANEL OPTIONS</b>		
Full View	•	•
Perforated	•	
Louvered Ventilation	•	
Aluminum	•	•
Insulated Aluminum	•	
<b>DOOR THICKNESS</b>	2" [5.1 cm]	2" [5.1 cm]
<b>MINIMUM WIDTH</b>	2'	2'
<b>MAXIMUM WIDTH</b>	24' 2"	12' 2"
<b>MINIMUM HEIGHT</b>	6'	6'
<b>MAXIMUM HEIGHT</b>	20' 1"	12' 1"
<b>SECTION HEIGHTS<sup>1</sup></b>	18", 21", 24"	21", 24"
<b>WIND LOAD<sup>2</sup> AVAILABLE</b>	•	•
<b>FINISH WARRANTY<sup>3</sup></b>	5 Years	5 Years
<b>WORKMANSHIP/HARDWARE WARRANTY<sup>3</sup></b>	1 Year	1 Year

<sup>1</sup> For complete door height configuration chart visit [amarr.com](http://amarr.com) or contact your local Amarr dealer.  
<sup>2</sup> It is your responsibility to make sure your garage door meets local building codes.  
<sup>3</sup> For complete warranty details, visit [amarr.com](http://amarr.com) or contact your local Amarr dealer.

## GLAZING OPTIONS

	<b>Amarr 3552</b> <small>formerly 3550</small>	<b>Amarr 3502</b> <small>formerly 3500</small>
<b>DSB GLASS</b>		
Single or Insulated	•	Single Only
Tinted (Bronze, Gray or Green)	•	•
<b>TEMPERED GLASS</b>		
Single or Insulated	•	Single Only
Tinted (Bronze, Gray or Green)	•	•
<b>OBSCURE GLASS</b>		
Single or Insulated	•	Single Only
<b>THERMAPRO LOW-E GLASS</b>		
Single or Insulated	•	Single Only
Tinted (Bronze, Gray or Green)	•	•
<b>POLYCARBONATE GLAZED</b>		
Single or Corrugated	•	Single Only
<b>LAMINATED GLAZED</b>	•	•
<b>ACRYLIC GLAZED</b>	•	•
<b>CUSTOM OPTIONS</b>	•	•

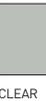
Additional glazing options available.

## PAN



ALUMINUM  
\*Also available in...

## ANO



CLEAR  
Amarr 3...

## PAIN



WHITE (I...



BEIGE



DARK IV...



SAGE BR...



PEWTER

RAL and



Amarr 3552 in Clear Anodize finish with two Louvered Aluminum bottom sections

### PANEL OPTIONS



ALUMINUM & INSULATED ALUMINUM



PERFORATED ALUMINUM\*  
0.312" square perforations on 1/2" centers



LOUVERED ALUMINUM  
6 columns of (12) 3"x3/4" vents on a 4' x 24" panel

\*Also available in Mill finish.

### ANODIZE FINISHES

Actual color may vary from samples shown.



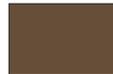
CLEAR



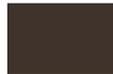
CHAMPAGNE†



COPPER†



MEDIUM BRONZE†



DARK BRONZE



BLACK

Amarr 3502 available in clear anodize only.

†Special order, longer lead time and price upcharge apply.

### PAINT FINISHES (PVDF AND POWDER COAT)

Amarr 3552 only. Actual color may vary from samples shown.



WHITE (Stock Color)



BONE WHITE



IVORY



SANDSTONE



BURNT SUN



SIERRA TAN



BEIGE



LIGHT SEAWOLF  
BEIGE



DOVE GRAY



SLATE GRAY



CHARCOAL GRAY



PATINA GREEN



DARK IVY



HARTFORD  
GREEN



MILITARY BLUE



INTERSTATE BLUE



COLONIAL RED



BOYSENBERRY



SAGE BROWN



QUAKER BRONZE



SUPER BLACK



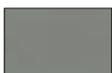
CARNIVAL RED II‡



CLASSIC COPPER‡



CHAMPAGNE  
PEARL‡



PEWTER‡



SILVER‡

‡PVDF only, longer lead time and price upcharge apply.

RAL and custom powder coat colors available.



Amarr 3502 in Dark Bronze (custom stile arrangement)

# Energy Efficient Polyurethane Insulated Steel Doors

**R-Value 19.4** **Amarr 2042** FORMERLY 2720  
Extra Heavy-duty, 2" 20-gauge steel

**R-Value 19.4** **Amarr 2742** FORMERLY 2700  
Heavy-duty, 2" 27-gauge steel

**R-Value 14.5** **Amarr 2741** FORMERLY 1350  
Medium-duty, 1-3/8" 27-gauge steel

Amarr polyurethane insulated sectional doors are our top-of-the-line energy efficient, high R-value doors; constructed using foamed-in-place polyurethane insulation to create a strong monolithic panel. Each model is secured with heavy-duty 14-gauge minimum galvanized steel hinges.



## CONSTRUCTION

**TRIPLE-LAYER**  
**Steel + Insulation + Steel**



- Unique tongue and groove construction with three positive points of contact provides a more efficient barrier against moisture and air infiltration
- Thermally broken section joint prevents temperature transfer from exterior to interior steel increasing energy efficiency
- Accommodates a variety of EPDM weather seals including longer drop to guard against air and water leakage on uneven floor surfaces
- Two continuous 20-gauge steel interior reinforcing strips on each section ensure hinges are always anchored in steel for added structural integrity
- Environmentally friendly CFC-free polyurethane insulation

## SPECIFICATIONS

	Extra Heavy-duty <b>Amarr 2042</b> <small>formerly 2720</small>	Heavy-duty <b>Amarr 2742</b> <small>formerly 2700</small>	Medium-duty <b>Amarr 2741</b> <small>formerly 1350</small>
<b>STEEL THICKNESS (Exterior/Interior)</b>	20-ga / 27-ga	27-ga / 27-ga	27-ga / 27-ga
<b>PANEL DESIGN</b>	Flush	Pencil Groove	Pencil Groove
<b>STEEL EMBOSSEMENT</b>	Stucco	Stucco	Stucco
<b>DOOR THICKNESS</b>	2" (5.1cm)	2" (5.1cm)	1-3/8" (3.5cm)
<b>CONSTRUCTION LAYERS</b>	Triple	Triple	Triple
<b>INSULATION<sup>1</sup></b>	Polyurethane	Polyurethane	Polyurethane
<b>R-VALUE<sup>2</sup></b>	19.4	19.4	14.5
<b>U-VALUE</b>	0.052	0.052	0.069
<b>MINIMUM WIDTH</b>	5'	5'	5'
<b>MAXIMUM WIDTH</b>	32' 2"	32' 2"	18' 2"
<b>MINIMUM HEIGHT</b>	7'	7'	7'
<b>MAXIMUM HEIGHT</b>	26' 1"	26' 1"	14' 1"
<b>PASS DOOR</b>	•	•	
<b>WIND LOAD<sup>3</sup> AVAILABLE</b>	•	•	•
<b>PAINT FINISH WARRANTY<sup>4</sup></b>	10 Years	10 Years	10 Years
<b>WORKMANSHIP/HARDWARE WARRANTY<sup>4</sup></b>	1 Year	1 Year	1 Year



See page 13 for details.

<sup>1</sup> Insulation has passed self-ignition, flamespread and smoke developed index fire testing.  
<sup>2</sup> Amarr 2741 calculated door section R-value is in accordance with DASMA TDS-163.  
<sup>3</sup> Amarr 2042 and 2742 R-value tested and verified in accordance with ASTM 518 by an independent lab.  
<sup>4</sup> It is your responsibility to make sure your garage door meets local building codes.  
<sup>5</sup> For complete warranty details, visit amarr.com or contact your local Amarr dealer.

## OPTIONAL PASS DOOR with stainless steel frame



Available for Amarr 2742 and Amarr 2042 only in door sizes up to 16'2" wide x 16' tall. Wind load option not available.



Amarr 2742 in Commercial Brown with 2 Dark Bronze Aluminum Full View sections

### PANEL DESIGNS



AMARR 2042:  
FLUSH PANEL WITH STUCCO EMBOSSEMENT



AMARR 2741 AND 2742:  
PENCIL GROOVED WITH STUCCO EMBOSSEMENT

### STEEL COLORS

Amarr steel doors are pre-painted; for custom colors, exterior latex paint must be used. Visit [amarr.com](http://amarr.com) for instructions on painting. Actual paint colors may vary from samples shown.



TRUE WHITE  
Amarr 2742 and Amarr 2741;  
Amarr 2042 is Commercial White



SANDTONE  
Amarr 2742 only



COMMERCIAL GRAY  
Amarr 2742 only



COMMERCIAL BROWN  
Amarr 2742 only

### WINDOW OPTIONS



26" x 13" DOUBLE INSULATED  
ACRYLIC WINDOWS WITH BLACK FRAME  
Available in Amarr 2042 & 2742 only.



24" x 6" DOUBLE INSULATED  
ACRYLIC WINDOWS WITH BLACK FRAME



24" X 12" INSULATED GLASS  
Available with either a black or white frame.

### ALUMINUM SECTION OPTIONS\*



GLAZED ALUMINUM



PERFORATED ALUMINUM†  
0.312" square perforations on 1/2" centers



LOUVERED ALUMINUM  
6 columns of [12] 3"x 3/4" vents on a 4' x 24" panel



CLEAR  
ANODIZE



DARK BRONZE  
ANODIZE



BLACK  
ANODIZE



WHITE  
POWDER COAT

Actual color may vary from samples shown. See page 5 for additional finish options.  
\*Available for Amarr 2042 and Amarr 2742 only.  
†Also available in Mill finish.



Amarr 2742 in White with 26" x 13" windows

# Heavy-Duty Polystyrene Insulated Steel Doors

R-Value  
**9.4**

**Amarr 2432** FORMERLY 1000  
Heavy-duty, 2" 24-gauge steel

The Amarr 2432 features heavy-duty 24-gauge exterior steel combined with a 27-gauge steel interior to make this polystyrene insulated door one of the strongest and most durable.

The 4-step insulation system includes tongue and groove construction, 2" polystyrene insulation, weather-stripping, and a thermal break that provides a strong barrier from extreme heat and cold.



Amarr 2432 in White with 24"x6" windows

## CONSTRUCTION

**TRIPLE-LAYER  
Steel +  
Insulation +  
Steel**



- R-Value: 9.4
- Heavy-duty hardware for smooth operation, long life and low maintenance
- Stucco embossed interior surface camouflages day-to-day wear and tear
- CFC-free polystyrene insulation is eco-friendly and chemically bonded to the steel panels building strength and energy efficiency

## SPECIFICATIONS

	Heavy-duty <b>Amarr 2432</b> <small>formerly 1000</small>
STEEL THICKNESS (Exterior/Interior)	24-ga / 27-ga
PANEL DESIGN	Pencil Groove
STEEL EMBOSSEMENT	Stucco
DOOR THICKNESS	2" (5.1cm)
CONSTRUCTION LAYERS	Triple
INSULATION <sup>1</sup>	Polystyrene
R-VALUE <sup>2</sup>	9.4
U-VALUE	0.106
AIR INFILTRATION	.18 cfm/ft <sup>2</sup> @ 15 mph / .30 cfm/ft <sup>2</sup> @ 25 mph
MINIMUM WIDTH	6'
MAXIMUM WIDTH	24' 2"
MINIMUM HEIGHT	7'
MAXIMUM HEIGHT	26' 1"
WIND LOAD <sup>3</sup> AVAILABLE	•
PAINT FINISH WARRANTY <sup>4</sup>	10 Years
WORKMANSHIP/HARDWARE WARRANTY <sup>4</sup>	1 Year



See page 13 for details.

<sup>1</sup> Insulation has passed self-ignition, flamespread and smoke developed index fire testing.  
<sup>2</sup> Calculated door section R-value.  
<sup>3</sup> It is your responsibility to make sure your garage door meets local building codes.  
<sup>4</sup> For complete warranty details, visit amarr.com or contact your local Amarr dealer.

## PANEL DESIGN



PENCIL GROOVE WITH STUCCO EMBOSSEMENT

## COLORS



TRUE WHITE



SANDTONE



COMMERCIAL GRAY



COMMERCIAL BROWN

## WINDOW OPTIONS



24" X 12" INSULATED GLASS  
Available with either a black or white frame.



24" x 6" DOUBLE INSULATED ACRYLIC  
Available with black frame.

# Medium-Duty Polystyrene Insulated Steel Doors

R-Value  
**6.7**

**Amarr 2731** FORMERLY 1380  
Medium-duty, 1-3/8" 27-gauge steel

Solid commercial construction meets variety and style. The Amarr 2731 is built with two 27-gauge steel layers surrounding a 1-3/8" polystyrene core. For style, the exterior layer features a flush profile with woodgrain embossment for a more upscale look reminiscent of typical residential doors. The interior skin features a flush profile with stucco embossment for a clean interior surface.



Amarr 2731 in White with 21"x13" windows

## CONSTRUCTION

**TRIPLE-LAYER  
Steel +  
Insulation +  
Steel**



- R-Value: 6.7
- Four-step insulation system provides protection from the elements with tongue and groove construction, insulation, weather-stripping and a thermal break
- CFC-free polystyrene insulation is eco-friendly and chemically bonded to the steel panels building strength and energy efficiency

## SPECIFICATIONS

	Medium-duty <b>Amarr 2731</b> formerly 1380
STEEL THICKNESS (Exterior/Interior)	27-ga / 27-ga
PANEL DESIGN	Flush
STEEL EMBOSSMENT	Woodgrain
DOOR THICKNESS	1-3/8" (3.5cm)
CONSTRUCTION LAYERS	Triple
INSULATION <sup>1</sup>	Polystyrene
R-VALUE <sup>2</sup>	6.7
U-VALUE	0.149
MINIMUM WIDTH	6'
MAXIMUM WIDTH	18' 2"
MINIMUM HEIGHT	7'
MAXIMUM HEIGHT	14' 1"
WIND LOAD <sup>3</sup> AVAILABLE	•
PAINT FINISH WARRANTY <sup>4</sup>	10 Years
WORKMANSHIP/HARDWARE WARRANTY <sup>4</sup>	1 Year



See page 13 for details.

- <sup>1</sup> Insulation has passed self-ignition, flamespread and smoke developed index fire testing.
- <sup>2</sup> Calculated door section R-value.
- <sup>3</sup> It is your responsibility to make sure your garage door meets local building codes.
- <sup>4</sup> For complete warranty details, visit amarr.com or contact your local Amarr dealer.

## PANEL DESIGN



FLUSH PANEL WITH WOODGRAIN EMBOSSMENT

## COLORS



TRUE WHITE



ALMOND



WICKER TAN



SANDTONE

## WINDOW OPTIONS



21" x 13" SHORT PANEL\*



41" x 13" LONG PANEL\*



24" x 6" DOUBLE INSULATED ACRYLIC  
Available with black frame.

\* True White shown; also available in Almond, Wicker Tan, and Sandtone.  
Available with Clear, Obscure, or Insulated glass.

# Ribbed Panel Steel Doors

R-Value  
**7.0**

**Amarr 2002, 2012, 2022** FORMERLY 2000, 2000i, 2000s  
Extra Heavy-duty, 20-gauge steel

R-Value  
**7.0**

**Amarr 2402, 2412, 2422** FORMERLY 2400, 2400i, 2400s  
Heavy-duty, 24-gauge steel

R-Value  
**7.0**

**Amarr 2502, 2512, 2522** FORMERLY 2500, 2500i  
Medium-duty, nominal 24-gauge steel

Amarr 2" ribbed panel steel doors, insulated and non-insulated, are the industry workhorses and our most versatile doors. Choose from extra heavy-duty 20-gauge, heavy-duty 24-gauge and medium-duty nominal 24-gauge steel. From manufacturing plant to auto dealerships, these doors keep working wherever they are installed.



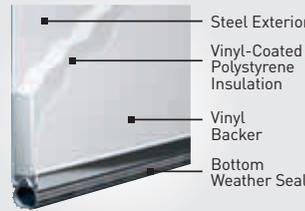
## CONSTRUCTION

### SINGLE-LAYER Steel



Amarr 2002/2402/2502

### DOUBLE-LAYER Steel + Insulation



Amarr 2012/2412/2512

### TRIPLE-LAYER Steel + Insulation + Steel



Amarr 2022/2422/2522

- Deeply ribbed panel with a smooth texture
- Can be field-modified with CFC-free polystyrene insulation with a nylon or steel backer
- Tongue and groove construction with three positive points of contact provides a more efficient barrier against moisture and air infiltration
- U-shaped vinyl bottom weather seal in a full-length PVC retainer effectively keeps out the elements

## SPECIFICATIONS

	Extra Heavy-Duty			Heavy-Duty			Medium-Duty		
	Amarr 2002 formerly 2000	Amarr 2012 formerly 2000i	Amarr 2022 formerly 2000s	Amarr 2402 formerly 2400	Amarr 2412 formerly 2400i	Amarr 2422 formerly 2400s	Amarr 2502 formerly 2500	Amarr 2512 formerly 2500i	Amarr 2522 September 2016
STEEL THICKNESS (Exterior/Interior)	20-ga	20-ga	20-ga / 25-ga	24-ga	24-ga	24-ga / 25-ga	Nominal 24-ga	Nominal 24-ga	Nominal 24-ga / 25-ga
PANEL DESIGN	Deep Ribbed	Deep Ribbed	Deep Ribbed	Deep Ribbed	Deep Ribbed	Deep Ribbed	Deep Ribbed	Deep Ribbed	Deep Ribbed
STEEL EMBOSSEMENT	Smooth	Smooth	Smooth	Smooth	Smooth	Smooth	Smooth	Smooth	Smooth
DOOR THICKNESS	2" (5.1cm)	2" (5.1cm)	2" (5.1cm)	2" (5.1cm)	2" (5.1cm)	2" (5.1cm)	2" (5.1cm)	2" (5.1cm)	2" (5.1cm)
CONSTRUCTION LAYERS	Single	Double	Triple	Single	Double	Triple	Single	Double	Triple
INSULATION <sup>1</sup>		Polystyrene	Polystyrene		Polystyrene	Polystyrene		Polystyrene	Polystyrene
R-VALUE <sup>2</sup>		7.0	7.0		7.0	7.0		7.0	7.0
U-VALUE		0.143	0.143		0.143	0.143		0.143	0.143
MINIMUM WIDTH	6'	6'	6'	6'	6'	6'	6'	6'	6'
MAXIMUM WIDTH	26' 2"	26' 2"	26' 2"	30' 2"	30' 2"	30' 2"	20' 2"	20' 2"	20' 2"
MINIMUM HEIGHT	7'	7'	7'	7'	7'	7'	7'	7'	7'
MAXIMUM HEIGHT	26' 1"	26' 1"	26' 1"	26' 1"	26' 1"	26' 1"	14' 1"	14' 1"	14' 1"
WIND LOAD <sup>3</sup> AVAILABLE	•	•	•	•	•	•	•	•	•
PAINT FINISH WARRANTY <sup>4</sup>	10 Years	10 Years	10 Years	10 Years	10 Years	10 Years	10 Years	10 Years	10 Years
WORKMANSHIP/HARDWARE WARRANTY <sup>4</sup>	1 Year	1 Year	1 Year	1 Year	1 Year	1 Year	1 Year	1 Year	1 Year



<sup>1</sup> Insulation has passed self-ignition, flamespread and smoke developed index fire testing.  
<sup>2</sup> Calculated door section R-value.  
<sup>3</sup> It is your responsibility to make sure your garage door meets local building codes.  
<sup>4</sup> For complete warranty details, visit amarr.com or contact your local Amarr dealer.

See page 13 for details.



Amarr 2412 in Commercial White with 24" x 6" windows

### PANEL DESIGN



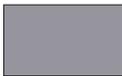
RIBBED PANEL

### STEEL COLORS

Amarr steel doors are pre-painted; for custom colors, exterior latex paint must be used. Visit [amarr.com](http://amarr.com) for instructions on painting. Actual paint colors may vary from samples shown.



COMMERCIAL WHITE



COMMERCIAL GRAY  
2402/2412/2422 only



COMMERCIAL BROWN  
2402/2412/2422 only



COMMERCIAL BLACK  
2402/2412/2422 only

### WINDOW OPTIONS

Available with either a black or white frame.



24" X 12" SINGLE PLEXIGLAS®  
24" X 12" INSULATED PLEXIGLAS®



24" X 6" DSB or PLEXIGLAS®

### ALUMINUM SECTION OPTIONS



GLAZED ALUMINUM



PERFORATED ALUMINUM\*  
0.312" square perforations on 1/2" centers



LOUVERED ALUMINUM  
6 columns of (12) 3"x 3/4" vents on a 4' x 24" panel



CLEAR ANODIZE



DARK BRONZE ANODIZE

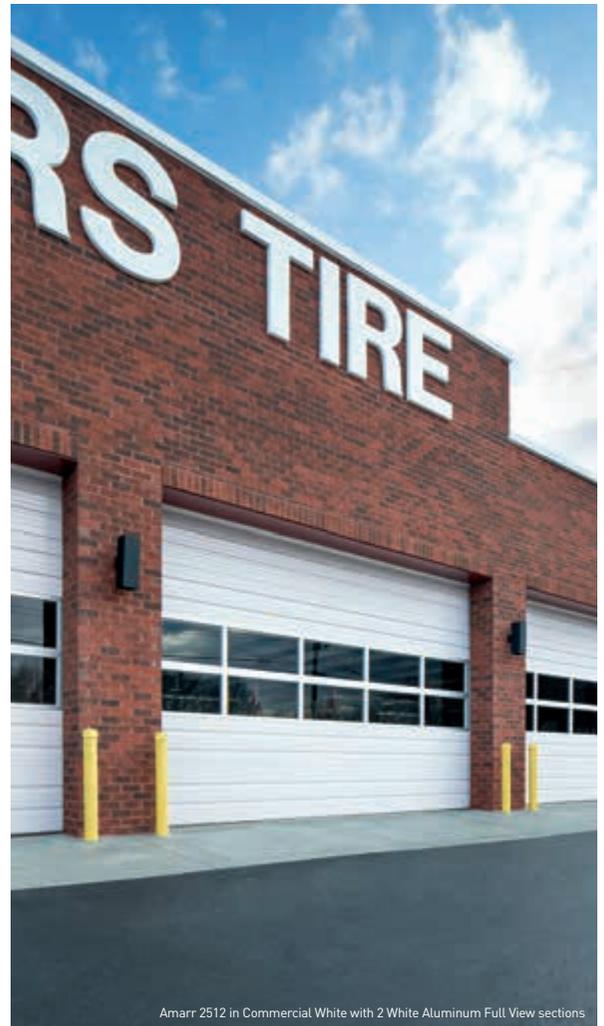


BLACK ANODIZE



WHITE POWDER COAT

Actual color may vary from samples shown. See page 5 for additional finish options.  
\*Also available in Mill finish.



Amarr 2512 in Commercial White with 2 White Aluminum Full View sections



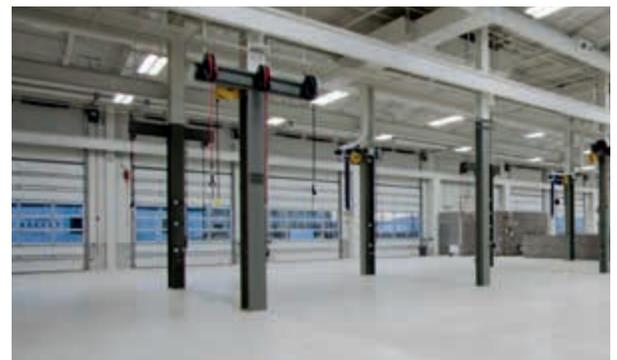
# LEED GOLD CASE STUDY

## SALT LAKE COUNTY FLEET MANAGEMENT FACILITY

Entrematic partnered with Frontier Overhead Door and Kevin Blalock & Partners (Architects) to develop an energy-efficient door solution for Salt Lake County Fleet Management facility to help them attain LEED Gold Certification.

Architect Kevin Blalock wanted to create a “Jiffy Lube on steroids” for the fleet maintenance mechanics. “This is their workspace and their playground” stated Blalock.

The result of the collaborative project was a highly durable, yet visually appealing commercial door combining Amarr 2042 triple-layer polyurethane insulated (R-value 19.4) steel sections with Amarr 3552 aluminum full view sections with ½” thick insulated glass. The three aluminum full view sections are placed at the ideal height to allow employees to clearly see maintenance vehicles entering and exiting the facility and contribute natural lighting to the interior workspace.



### Award:

Most Outstanding Project - Utah Construction and Design, Public Projects under \$10 Million

### Location:

Midvale, Utah

### Project Size:

40,500 square feet

### Facility cost:

\$9.4 million

### Completion:

2015

### Architect:

Kevin Blalock & Partners – Salt Lake City, UT

### Contractor:

Ascent Construction – Centerville, UT

### Consultant:

Maintenance Design Group – Denver, CO

# Amarr Wind Load Rated Commercial Doors

When installed according to our instructions and local building codes, Amarr hurricane rated doors:

- Withstand rapid cyclic pressure and static load forces up to 240 mph.<sup>1</sup>
- Resist large missile impact at 50' per second (35 mph).<sup>2</sup>
- May qualify for discounts on your homeowner's insurance.<sup>3</sup>

<sup>1</sup> Exposure B with a mean roof height less than 30' based on ASCE7-10, (57/-67 PSF)

<sup>2</sup> Option available on select models only.

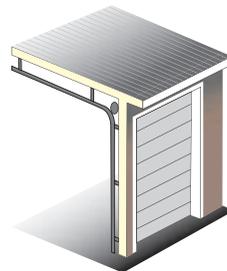
<sup>3</sup> Check with your insurance provider for details.

Amarr wind load rated doors meet or exceed these building codes:

- Florida Building Code (FBC)
- International Code Council (ICC)
- Texas Department of Insurance (TDI)
- High-Velocity Hurricane Zone (HVHZ) (Miami - Dade and Broward Counties)

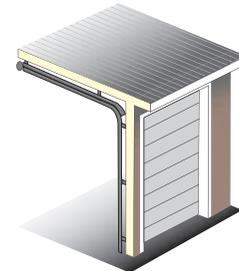
## Track Lift Options

Track lift types vary based on the amount of vertical space or headroom available above the door. 2" or 3" track for these lift applications is available. Custom track configurations are also available.



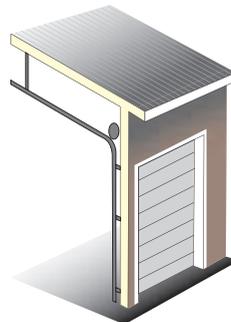
### STANDARD LIFT

**2" TRACK**  
Headroom = 12-3/4"  
15" Radius = 15-1/2"  
Sideroom = 5"  
**3" TRACK**  
Headroom = 16-7/8"  
Sideroom = 5-1/2"



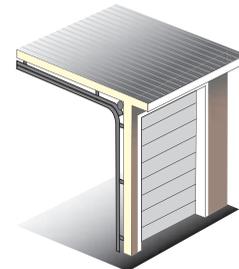
### LOW HEADROOM REAR

**2" TRACK**  
Headroom = 6-1/2"  
Sideroom = 5"  
**3" TRACK**  
Headroom = 7-5/8"  
Sideroom = 5-1/2"



### FOLLOW THE ROOF PITCH

**2" TRACK**  
Headroom = 12-3/4"  
15" Radius = 15-1/2"  
Sideroom = 5"  
**3" TRACK**  
Headroom = 16-7/8"  
Sideroom = 5-1/2"



### LOW HEADROOM FRONT

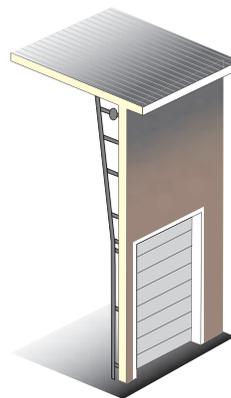
**2" TRACK**  
Headroom = 12-13/16"  
Sideroom = 5"  
**3" TRACK**  
Headroom = 16-7/8"  
Sideroom = 5-1/2"



### RAPID INSTALL VERTICAL LIFT

- Available for all commercial steel sectional doors
- Designed for commercial warehouse and dock doors sizes up to 9'4" x 10'
- Only 14 wall anchor attachments for a 10' tall door
- A one-piece .063 heavy-gauge vertical track
- Preinstalled integrated end bearing plate
- Select wind load approvals
- Saves approximately 20 minutes of installation time

**2" TRACK**  
Headroom = Door Height +13"  
Sideroom = 5"  
**3" TRACK**  
Headroom = Door Height +13"  
Sideroom = 5-1/2"



### VERTICAL LIFT

**2" TRACK**  
Headroom = Door Height +13"  
Sideroom = 5"  
**3" TRACK**  
Headroom = Door Height +13"  
Sideroom = 5-1/2"



### HIGH LIFT

**2" TRACK**  
Headroom = 12-1/2"  
Sideroom = 5"  
**3" TRACK**  
Headroom = 13-1/2"  
Sideroom = 5-1/2"

# Product Specifications

## AMARR COMMERCIAL SECTIONAL DOORS

	ALUMINUM FULL VIEW		ENERGY EFFICIENT POLYURETHANE			POLYSTYRENE INSULATED	
	Heavy-Duty 3552 formerly 3550	Medium-Duty 3502 formerly 3500	Extra Heavy-Duty 2042 formerly 2720	Heavy-Duty 2742 formerly 2700	Medium-Duty 2741 formerly 1350	Heavy-Duty 2432 formerly 1000	Medium-Duty 2731 formerly 1380
<b>EXTERIOR PANEL DESIGN</b>							
Flush			•				•
Deep Ribbed							
Pencil Groove				•	•	•	
Stile and Rail	•	•					
Aluminum Sections	•	•	•	•			
<b>EXTERIOR PANEL TEXTURE</b>							
Smooth	•	•					
Stucco Embossment			•	•	•	•	
Woodgrain Embossment							•
<b>INTERIOR PANEL TEXTURE</b>							
Smooth			•	•	•		
Stucco Embossment						•	•
<b>CONSTRUCTION LAYERS</b>							
Steel + Insulation + Steel			•	•	•	•	•
Steel + Insulation							
Steel							
Extruded Aluminum	•	•					
<b>MINIMUM STANDARD WIDTH</b>	2'0"	2'0"	5'0"	5'0"	5'0"	6'0"	6'0"
<b>MAXIMUM STANDARD WIDTH</b>	24'2"	12'2"	32'2"	32'2"	18'2"	24'2"	18'2"
<b>MAXIMUM STANDARD HEIGHT</b>	20'1"	12'1"	26'1"	26'1"	14'1"	26'1"	14'1"
<b>DOOR THICKNESS</b>	2" (5.1cm)	2" (5.1cm)	2" (5.1cm)	2" (5.1cm)	1-3/8" (3.5cm)	2" (5.1cm)	1-3/8" (3.5cm)
<b>INSULATION<sup>1</sup></b>			Polyurethane	Polyurethane	Polyurethane	Polystyrene	Polystyrene
<b>R-VALUE</b>			19.4 <sup>2</sup>	19.4 <sup>2</sup>	14.5 <sup>3</sup>	9.4 <sup>3</sup>	6.7 <sup>3</sup>
<b>U-VALUE</b>			0.052	0.052	0.069	0.106	0.149
<b>STEEL THICKNESS (Exterior/Interior)</b>			20/27 ga	27/27 ga	27/27 ga	24/27 ga	27/27 ga
<b>END STILE</b>			19 ga	19 ga	19 ga	20 ga	20 ga
<b>CENTER STILE</b>							
<b>HINGE REINFORCEMENT</b>			20 ga continuous strip	20 ga continuous strip	20 ga continuous strip	18 ga plate	18 ga plate
<b>BOTTOM WEATHER SEAL</b>							
Aluminum Retainer	•	•				•	•
Dual Contact EPDM Rubber			•	•	•		
<b>WINDOW OPTIONS</b>							
24" x 6"			•	•	•	•	•
24" x 12"			•	•	•	•	
26" x 13"			•	•			
21" x 13"							•
41" x 13"							•
<b>PASS DOOR</b>							
<b>STEEL EXTERIOR COLOR OPTIONS</b>							
True White/Commercial White			•	•	•	•	•
Almond							•
Wicker Tan							•
Sandtone				•		•	•
Commercial Gray				•		•	
Commercial Brown				•		•	
Commercial Black							
<b>HIGH CYCLE SPRINGS TO 100K</b>	•	•	•	•	•	•	•
<b>WIND LOAD AVAILABLE<sup>4</sup></b>	•	•	•	•	•	•	•
<b>WARRANTY<sup>5</sup></b>							
Paint Finish	5 Years <sup>6</sup>	5 Years <sup>6</sup>	10 Years	10 Years	10 Years	10 Years	10 Years
Workmanship/Hardware	1 Year	1 Year	1 Year	1 Year	1 Year	1 Year	1 Year



See page 13 for details.

<sup>1</sup> Insulation has passed self-ignition, flamespread and smoke developed index fire testing.  
<sup>2</sup> Amarr 2042 and 2742 R-value tested and verified in accordance to ASTM 518 by an independent lab.  
<sup>3</sup> Calculated door section R-value.  
<sup>4</sup> It is your responsibility to make sure your garage door meets local building codes.  
<sup>5</sup> For complete warranty details, visit amarr.com or contact your local Amarr dealer.  
<sup>6</sup> Powder coat finish warranty.





### OTHER COMMERCIAL MODELS AVAILABLE



Rolling Steel



Rolling Sheet

**Our Philosophy.** Since 1951, we have successfully raised the standards of quality, value, and dependability in the garage door industry. Today, with the same promise of individual attention and great value for all our customers, we remain committed to offering Amarr products and services that raise those standards even higher.

Your Local Amarr Dealer:

#### Entrematic

165 Carriage Court  
Winston-Salem, NC 27105  
800.503.DOOR  
[www.amarr.com](http://www.amarr.com)



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