

# STEEL SPECIFICATIONS

	CARRIAGE HOUSE DESIGN								TRADITIONAL DESIGN								
	CLASSICA 1000	CLASSICA 2000	CLASSICA 3000	OAK SUMMIT 1000	OAK SUMMIT 2000	OAK SUMMIT 3000	FIMBEL DC-400	FIMBEL DC-500	HERITAGE 1000	HERITAGE 2000	HERITAGE 3000*	STRATFORD 1000	STRATFORD 2000	STRATFORD 3000**	FIMBEL OLYMPUS 400	FIMBEL OLYMPUS 500	
<b>PANEL DESIGNS</b>	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓			
Short									•	•	•	•	•	•	•	•	
Long									•	•	•	•	•	•	•	•	
Flush									•	•	•			•			
Ribbed											•			•			
Carriage House	8 Designs	8 Designs	8 Designs	3 Designs	3 Designs	3 Designs	1 Design	1 Design									
<b>CONSTRUCTION LAYERS</b>																	
Steel	•			•					•			•					
Steel + Insulation		•			•					•			•				
Steel + Insulation + Steel			•			•	•	•			•			•	•	•	
<b>DOOR THICKNESS</b>																	
1 3/8" (3.5cm)						•	•							•	•	•	
2" (5.1cm)	•	•	•	•	•			•	•	•	•	•	•			•	
<b>INSULATION</b>		Polystyrene <sup>1</sup>	Polyurethane <sup>1</sup>		Polystyrene <sup>1</sup>	Polystyrene <sup>1</sup>	Polyurethane		Polyurethane		Polystyrene <sup>1</sup>	Polystyrene <sup>1</sup>		Polystyrene <sup>1</sup>	Polystyrene <sup>1</sup>	Polyurethane	Polyurethane
R-VALUE		6.84	13.35		6.84	6.58	11.04		15.67		6.84	9.19		6.84	6.58	11.04	15.67
<b>STEEL THICKNESS</b>																	
Gauge (ga)	24 ga	24 ga	25/27 ga	25 ga	25 ga	27/27 ga	25/27 ga		25/27 ga	24 ga	24 ga	24/27 ga	25 ga	25 ga	27/27 ga	25/27 ga	25/27 ga
Gauge (mm)	0.61mm	0.61mm	0.53/0.42	0.53mm	0.53mm	0.42/0.42mm	0.53/0.42		0.53/0.42	0.61mm	0.61mm	0.61/0.42	0.53mm	0.53mm	0.42/0.42	0.53/0.42	0.53/0.42
<b>WOODGRAIN EXTERIOR TEXTURE</b>	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
<b>END STILES</b>																	
Galvanized	•	•		•	•							•	•				
Painted			•			•	•	•	•	•	•			•	•	•	•
<b>THERMAL SEAL</b>																	
BOTTOM WEATHER SEAL	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Steel Retainer	•	•	•	•	•				•	•		•	•				
Aluminum Retainer						•					•			•			
Duo-Durometer Astragal							•	•							•	•	
<b>DECORATIVE WINDOW OPTIONS</b>	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
<b>WINDOW GLASS OPTIONS</b>																	
3/32" (0.24cm) Single Strength				•	•	•	•	•	•	•	•	•	•	•	•	•	•
1/8" (0.32cm) Tempered Dbl Strength	•	•	•														
Insulated Glass			•			•	•	•	•		•			•	•	•	•
Obscure (not shown)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
<b>DECORATIVE HARDWARE OPTIONS</b>	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
<b>EXTERIOR COLOR OPTIONS</b>																	
True White	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Almond				•	•	•	•	•	•	•	•	•	•	•	•	•	•
Sandtone	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Brown							•	•	•	•	•			•	•	•	•
Hunter Green															•		
Gray															•		
Woodgrain	•	•	•			•									•		
<b>WIND LOAD<sup>2</sup> AVAILABLE</b>	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
<b>WARRANTY</b>																	
Paint Finish <sup>3</sup>	Lifetime	Lifetime	Lifetime	15 Years	25 Years	Lifetime	Lifetime		Lifetime	Lifetime	Lifetime	Lifetime	15 Years	25 Years	Lifetime	Lifetime	Lifetime
Workmanship/Hardware <sup>3</sup>	3 Years	5 Years	Lifetime	1 Year	2 Years	3 Years	5 Years		Lifetime	3 Years	5 Years	Lifetime	1 Year	2 Years	3 Years	5 Years	Lifetime

✓ Amarr's section interfaces are designed to reduce the risk of serious finger and hand injuries.

\* Formerly WeatherGuard™ Plus  
\*\* Formerly WeatherGuard™

<sup>1</sup> All Insulation on Amarr brand doors has passed fire safety testing.

<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.

NOTE: Optional door locks and various heights and widths are available thru your local garage door dealer.

# WOOD COMPOSITE SPECIFICATIONS

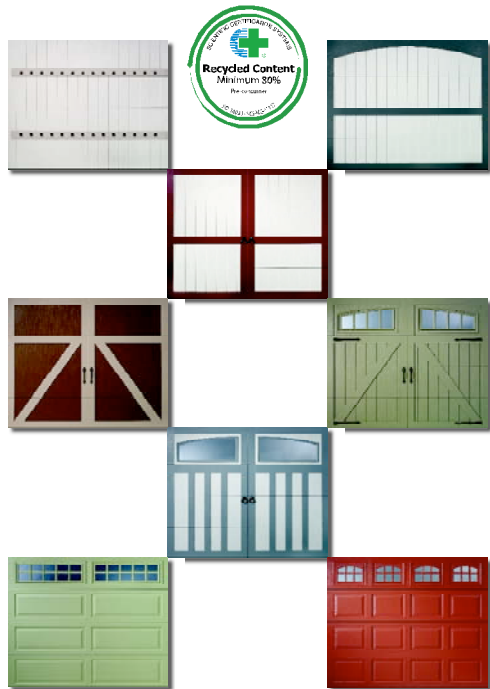
	JELD-WEN ESTATE	JELD-WEN CARRIAGE HOUSE	JELD-WEN TRADITIONAL
<b>PANEL DESIGNS</b>			
Short			•
Long			•
Carriage House	8 Designs	7 Designs	
<b>DECORATIVE WINDOW OPTIONS</b>		•	•
<b>CONSTRUCTION:</b>			
Composite + Insulation + Composite	•	•	•
<b>DOOR THICKNESS</b>	1 5/8" (4.1cm)	1 5/8" (4.1cm)	1 3/8" (3.5cm)
<b>POLYSTYRENE INSULATION</b>	•	•	•
<b>R-VALUE</b>	7.98	7.98	7.08
<b>BOTTOM WEATHERSEAL</b>	•	•	•
<b>WINDOW GLASS OPTION:</b>			•
1/8" (0.32cm) Tempered Double Strength		•	
<b>DECORATIVE HARDWARE OPTIONS</b>	•	•	
<b>EXTERIOR COLOR OPTIONS</b>			
White	•	•	•
Primed	•	•	•
<b>WIND LOAD<sup>1</sup> AVAILABLE</b>	•	•	•
<b>SECTION WARRANTY<sup>2</sup></b>	5 Years	5 Years	Lifetime
<b>HARDWARE WARRANTY<sup>2</sup></b>	3 Years	3 Years	3 Years

<sup>1</sup> It is your responsibility to make sure your garage door meets local building codes.

<sup>2</sup> For complete warranty details, visit [amarr.com](http://amarr.com) or contact your local Amarr dealer.

NOTE: Doors available in various heights and widths. Contact your local garage door dealer for specific details.

JELD-WEN® composite doors are primed and require painting or staining on all six sides prior to installation. Instructions for painting and staining are available at [amarr.com](http://amarr.com).



# WOOD SPECIFICATIONS

	BOB TIMBERLAKE COLLECTION	BILTMORE FOR YOUR HOME COLLECTION	AMARR BY DESIGN COLLECTION
<b>PANEL DESIGNS</b>			
Carriage House	5 Designs	6 Designs	Unlimited Designs
<b>CONSTRUCTION*</b>			
Wood + Insulation + Wood	•	•	•
<b>DOOR THICKNESS</b>	3" (7.6cm)	3" (7.6cm)	3" (7.6cm)
<b>WOOD BASEPLY OPTIONS</b>			
5/8" MDO Plywood (paint grade only)		•	•
1/2" Marine Grade Plywood		•	•
5/8" Incense Cedar	•	•	•
5/8" Clear Vertical Grain Cedar	•	•	•
5/8" Spanish Cedar	•	•	•
5/8" Mahogany		•	•
Other materials available upon request		•	•
<b>TRIM OVERLAY OPTIONS</b>			
5/8" Moisture- and Rot-resistant		•	•
Extra Exterior Panel (paint grade only)		•	•
5/8" Incense Cedar	•	•	•
5/8" Clear Vertical Grain Cedar	•	•	•
5/8" Spanish Cedar	•	•	•
5/8" Mahogany		•	•
Other materials available upon request		•	•
<b>OPTIONAL WOOD DISTRESSING</b>			•
<b>SECTION HEIGHT OPTIONS</b>	18"; 21"; 28"; 32" or custom	18"; 21"; 28"; 32" or custom	18"; 21"; 28"; 32" or custom
<b>POLYSTYRENE INSULATION (1 3/8" thick)</b>	•	•	•
<b>BOTTOM WEATHERSEAL</b>	•	•	•
<b>DECORATIVE WINDOW OPTIONS</b>			
1/8" (0.32cm) Double Strength	•	•	•
Seeded	•	•	•
Straw		•	
Insulated	•	•	•
<b>OPTIONAL DECORATIVE HARDWARE</b>	•	•	•
<b>WIND LOAD<sup>1</sup> AVAILABLE*</b>	•	•	•
<b>SECTION WARRANTY<sup>2</sup></b>	1 Year	1 Year	1 Year

\* Optional: Wood-on-steel section construction is available. Some wind load pressures may require wood-on-steel section construction.

<sup>1</sup> It is your responsibility to make sure your garage door meets local building codes.

<sup>2</sup> For complete warranty details, visit [amarr.com](http://amarr.com) or contact your local Amarr dealer.

Doors are shipped natural. Priming is available for paint grade doors. All doors require finishing on all six (6) sides of each section within two days of receipt of door(s) and prior to installation. Visit [amarr.com](http://amarr.com) for finishing recommendations.

## HARDWARE SPECIFICATIONS

Track: 2" industrial grade galvanized .083 horizontal and vertical track. Standard lift 25C-15" radius or 2LC-6" low headroom clearance. For doors over 650 lbs, 3" track.

Hinges: Up to 12": Single-end 11ga graduated galvanized. 12" and over: Double-end 11ga graduated galvanized.

Rollers: 2" nylon 10-ball bearing commercial rollers (short stem for up to 12"; long stem for 12" and over).

Struts: 3" galvanized struts

Counter Balance: 10,000 cycle torsion springs, cast aluminum cable drums, 1" diameter 11ga torsion tube. For doors over 650 lbs, solid core steel shaft and coupler if exceeding 151" in length.

Fasteners: Cadmium plated fasteners (standard) for on-door hardware and securing tracks to jambs. All hinge fasteners are factory installed with concealed bolt heads (under the trim overlay).

Operation: Manual push-up. No lock assembly is supplied. Electric openers with 3/4 hp recommended for best possible operation.

Doors available in various heights and widths. Hardware specifications are consistent with doors not exceeding 18' wide and 10' high. Requirements escalate with door size and weight and have limitations. Contact your local Amarr dealer for specific details.