**Steel Specifications**

**Panel Designs**
- Safe Guard
- Short
- Long
- Flush
- Ribbed

**Construction Layers**
- Steel
- Steel + Insulation
- Steel + Insulation + Steel

**Doors Thickness**
- **2" x 1-3/8"**
- **2-1/2" x 1-3/8"**
- **2-1/2" x 1-1/2"**

**Widow Extrude Textured**

**Galvanized End Stiles**

**Painted End Stiles**

**Thermal Seal**

**Decorative Window Options**

**Window Glass Options**
- 3/32" / .24mm Single Strength
- 1/8" / 3.20mm Tempered 2X Strength
- Insulated (Clear, Frost & Dark Tint)

**Decorative Hardware Options**

**Exterior Color Options**
- True White (TW)
- Almond (AL)
- Wicker Tan (WT)
- Sandtone (ST)
- Terracotta (TT)
- Dark Brown (DB)
- Hunter Green (HG)
- Gray (GY)
- Charcoal Gray (EF)
- Black (BL)
- Golden Oak (OK)
- Walnut (NT)
- Mahogany (MR)

**Wind Load Available**

**Paint Finish Warranty**

**Workmanship/ HARDWARE WTY**

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*Insulation on Amarr brand doors has passed self ignition, punchign, and flame spread testing inside the testing.

* Calculated door section R-value in accordance with ASTM E2362-63.

* True White Paint Board only. Based on independent laboratory test results.

* All panels and colors except True White Paint Board.

* True White Sheet and Flush panel designs only. Based on independent laboratory test results.

* With White Overlay.

* It is your responsibility to make sure your garage door meets local building codes.

* For complete warranty details, visit amarr.com

* Available for Carriage House models only.

* Available Fall 2019.


* Available Fall 2019.


* Available Fall 2019.
**WOOD SPECIFICATIONS**

<table>
<thead>
<tr>
<th>PANEL DESIGNS</th>
<th>AMARR® BY DESIGN AD4000</th>
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<tbody>
<tr>
<td>Carriage House</td>
<td>Unlimited Designs</td>
</tr>
</tbody>
</table>

**CONSTRUCTION**
- Wood + Insulation + Wood

**DOOR THICKNESS**
- 21/2" (76mm)

**WOOD BASEPLY OPTIONS**
- 5/8" NDD Plywood [paint grade only]
- 1/2" Marine Grade Plywood
- 5/8" Incense Cedar
- 5/8" Clear Vertical Grain Cedar
- 5/8" Red Grandois
- 5/8" Mahogany
- Other materials available upon request

**STRUTS:**
- 10,000 cycle torsion spring, cast aluminum cable drums, 1" diameter 11 gauge torsion tube.

**HINGES:**
- Standard lift 2SC-15" radius or 2LC-6" low headroom clearance. For doors over 650 lbs, 3" track.
- All hinge fasteners are factory installed with concealed bolt heads (under the trim overlay).

**FINISH OPTIONS**
- Anodize
- Paint†
- Mill

**WIND LOAD AVAILABLE**
- Yes

**FINISH WARRANTY**
- 5 Years

**WORKMANSHIP/HARDWARE WARRANTY**
- 5 Years

**SECTION HEIGHT OPTIONS**
- 18", 21", 24" or 32"

**R-VALUE**
- 9.0

**BOTTOM WEATHERSEAL**
- Yes

**DECORATIVE WINDOW OPTIONS**
- 1/8" (0.32mm) Double Strength
- Insulated

**OPTIONAL DECORATIVE HARDWARE**
- Yes

**FIRE RATED DOORS AVAILABLE†**
- Yes

**SECTION WARRANTY†**
- 1 Year

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**HARDWARE SPECIFICATIONS**

**TRACK:** 2" industrial grade galvanized. 0.03 horizontal and vertical track.
- Standard lift 2SC-15" radius or 2LC-4" low headroom clearance. For doors over 650 lbs, 3" track.

**HINGES:**
- Up to 12". Single-end 11 ga graduated galvanized, 12" over. Double-end 11 ga 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 spring, cast aluminum cable drums, 1" diameter 11 gauge 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 jamsbs.
- 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.

**Requirements escalate with door size and weight and have limitations.**

Contact your local Amarr dealer for specific details.