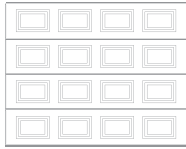
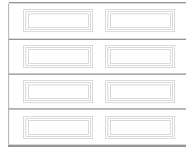
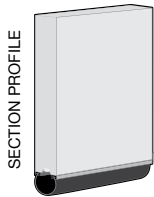


27 GA - **RAISED PANEL** SANDWICH DOORS / POLYURETHANE INSULATED **Model 2216**  
Short Windows**Model 4216**  
Long Windows[chiod.com](http://chiod.com)1485 Sunrise Dr.  
Arthur, IL 61911  
(800) 677-2650**STANDARD FEATURES**

- 27 gauge interior/exterior face, woodgrain embossed steel. Hot dipped galvanized G40 coating
- 2" thick sections
- Tongue and groove section joints
- 18" and 21" section heights
- 1-7/8" thermally-broken, polyurethane insulation
- **U-Factor = 0.19<sup>1</sup>**, R-Value = 17.19
- Air Infiltration<sup>2</sup> = 0.10
- STC Rating<sup>3</sup> = 21
- Center stile in top section
- End and center stiles: 20 ga
- No lock standard
- Available in 3" height increments [except 7'3"]

**PRE-FINISHED COLORS & ACCENTS WOODTONES****COLORS:** WHITE, ALMOND, SANDSTONE, BROWN, BRONZE, GRAY, DESERT TAN, BLACK, GRAPHITE, EVERGREEN**WOODTONES:** WALNUT, DRIFTWOOD, MAHOGANY, CEDAR, DARK OAK, NATURAL OAK, CARBON OAK**TRACK**

- 12" radius bracket mount track
- Up to 8'0" height - 17 gauge 2" track
- Over 8'0" to 10'0" height - 16 gauge 2" track
- Over 10'0" - 14 gauge 2" track
- Vertical track to be bolted or riveted with track brackets
- Horizontal track to be reinforced with 14 gauge angle according to door size and weight

**HARDWARE**

- Graduated hinges - 16 gauge
- Top fixtures - 16 gauge
- Bottom fixtures - 16 gauge
- Rollers - Black nylon tires on a solid steel shaft

**WEATHER SEAL**

- Double contact vinyl floor seal full width of door.

**SPRING COUNTERBALANCE**

Torsion springs mounted on a cross header shaft supported by galvanized steel ball-bearing end plates and center bracket[s]. Springs are custom designed for exact door weight, size, and trajectory according to current ANSI/DASMA 102 standards for a minimum of 7,000 cycles. Counterbalanced with galvanized aircraft quality cables secured to the bottom of the door.

**STRUTTING**

Galvanized struts provided according to door size and design.

**GLAZING**

- 1/8" Single Pane<sup>†</sup>: Plain [DSB], Obscure, Tinted, Rain Glass, Polycarbonate, Frosted
- 1/2" Insulated<sup>†</sup>: Plain [DSB], Obscure, Tinted, Rain Glass, Frosted
- 1/2" Insulated Designer: Newport, Temple, Florence

**FRAMING / INSTALLATION**

Torsion spring mounting pads, jamb plates, header plates and associated track system hangers shall be furnished by other than C.H.I. All installation quality and workmanship is responsibility of Contractor and is to be executed in accordance with C.H.I. installation instructions, local and state building codes and work site safety regulations.

<sup>1</sup> Compliance with the DASMA Thermal Performance Program.

<sup>2</sup> Thermal transmittance and air infiltration testing in accordance with ANSI/DASMA 105 and ASTM E283 standards.

<sup>3</sup> ASTM E90-09, Standard test method for laboratory measurement of airborne sound transmission of building partitions and elements.

<sup>†</sup> Available in tempered.