SERIES 92 COMMERCIAL THERMAL BREAK DOORS

- Pre-Hung
- Full Thermal Break
- Pre-Finished
- Four Styles of Thresholds Available

Build PLYCO Strong
PLYCO Series 92 Door

- 24 Gauge hot dipped galvanized steel panel, 1 3/4" thick with fully-rolled edges
- Energy-saving solid polyurethane insulating core with an R-13 value
- Three (3) 4½”x4½” stainless steel (NRP) hinges
- HDPE lock reinforcing structure
- Standard edge prep for deadbolt
- Available with any Plyco window kit
- Individually cartoned and packaged to help prevent shipping damage
- Thermally-broken steel/aluminum frame
- Available in 3 frame depths: 4 1/4”, 6 1/4”, 8 1/4

Optional Foam-Injected Insulated Frame

Available in 4 color choices

- Polar White
- Chocolate Brown
- Hickory Moss
- Bronze
Durable Alcryn bulb & fin sweep

- Pre-finished painted steel/aluminum jambs
- Full surround In-line Thermal Break
- Heavy duty weather strip for a weather resistant seal

Four styles of thresholds available

ADA
Inswing
Outswing
Performance
Inswing
Outswing

Series 92 Double Door

- Available in Double 6/0 x 7/0, Double 7/0 x 7/0 and Double 8/0 x 7/0 sizes
- Manual head and foot bolt concealed in the mullion.
- Mullion head and foot boots create a weather resistant seal on Plyco double doors
PLYCO Series 92 Door

**SIZES**

**Single Doors:** Widths are 2’ 6” (26), 2’ 8” (28), 3’ 0” (30), 3’ 6” (36), 4’ 0” (40). Available in heights 6’ 8” (68) and 7’ 0” (70). Special sizes are not available.

**Double Doors:** Double door has a removable mullion attached to header & sill, has head and foot flush bolts concealed in mullion. All doors are handed. Both panels are active panel is standard, may request, inactive panel with astragal.

**OVERALL DIMENSIONS**

Out-to-out 3/0 x 6/8 frame size is 39 3/4” x 82 1/8”. (Rough Opening 40 1/4” W x 82 1/2” H)

(3) 4 1/2” x 4 1/2” stainless steel NRP commercial template- three hinges per panel. Ball-bearing hinges are an available option.

**Hinges**

(3) 4 1/2” x 4 1/2” stainless steel NRP commercial template - three hinges per panel. Ball-bearing hinges are an available option.

**DOOR PANEL**

**THICKNESS**

1 3/4”

Smooth 24 ga. galvanized steel skin - painted finish.

**SKIN**

Rolled formed edge interlocked in thermally broken aluminum core rails. (Patented assembly.)

**EDGES**

HDPE poly lock reinforcing structure, optional heavy duty internal steel closer blocking and panic exit bar blocking. Optional full hardware installation. Special lock blocking is available.

**BLOCKING**

Core is solid polyurethane injected 2.3 pcf foam. Foam R-Value of R-13. No GWP, VOC exempt, zero ODP

**INSULATION**

3/0 x 6/8 only - Six panel (6P) style, X-Buck (XB) style.

**EMBOSSING**

Core is solid polyurethane injected 2.3 pcf foam. Foam R-Value of R-13. No GWP, VOC exempt, zero ODP

**COLORS**

Polar White, Bronze, Chocolate and Hickory Moss  All standard sizes are available in all four colors.

Standard with 2 1/8” lockset bore, backset of 2 3/4”. Non-bored is optional.

**LOCK FACE PREP**

Blocking is standard, edge bore is standard, facebore is optional. May be bored in the field.

Durable Alcryn bulb & fin sweep.

**DEADBOLT**

Blocking is standard, edge bore is standard, facebore is optional. May be bored in the field.

**Sweep**

**INSULATED LITE KITS**

Other glass sizes are available. All Lite sizes include 1” IGCC Certified Thermal Pane units with tempered 1/8” glass, meeting 16 CFR 1201 Cat II & ANSI Z97.1-2015

**JAMB**

**TYPE**

PREHUNG thermally-broken steel/aluminum with Q-Lon kerf weatherseal.

**FRAME DEPTHS**

Three frame depths: 4 1/4”, 6 1/4” & 8 1/4”. Header and threshold are expandable to full frame depth.

**HINGE PREPS**

Mortised and reinforced. 10 gauge aluminum hinge reinforcements

**THRESHOLD**

Aluminum, thermally broken Four threshold options available: ADA Inswing, ADA Outswing, Performance Inswing & Performance Outswing

**TESTING**

AAMA/WDMA/CSA 101/I.S.2/A440-17 - NAFS- Certified Performance Label Available. FL# FL16840-R3

Air Infiltration: ASTM-E283 & NFRC 400 <0.20 CFM/ft Passed

Water Penetration: ASTM-E331 No leakage Passed

Physical Endurance: AAMA 920 100,000 cycles Passed

Wind-Storm Resistance: ASTM-E330-02 Single Lock +/- 40 psf Class LW-PG40 (52 x 86)

Forced Entry RESistance: AAMA 1304 300 lb Point Load Passed

(Additional testing information available upon request)

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Due to Plyco Corporation’s ongoing commitment to product improvement, we reserve the right to change, without notice, product specifications, availability.

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