

# PLYCO

CORPORATION

PO BOX 386 • ELKHART LAKE, WI 53020

## SERIES 92 COMMERCIAL THERMAL BREAK DOORS

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SERIES 92



- *Pre-Hung with 2-way swing capability*
- *Full Thermal Break*
- *Pre-Finished*
- *Maintenance Free*
- *Handicap approved threshold*

## 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 (u=.077)
- Three (3) 4½"x4½" stainless steel (NRP) hinges
- HDPE lock reinforcing structure
- Standard edge prep for deadbolt
- Available with any Plyco window kit -see Plyco Lite Kit page
- Individually cartoned and packaged to help prevent shipping damage
- Thermally-broken steel and aluminum frame - available in 3 frame depths

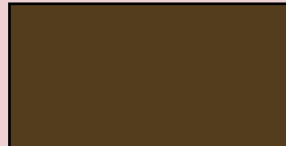


**Available in 3  
color choices**

**Polar White**



**Bronze**



**Hickory Moss**

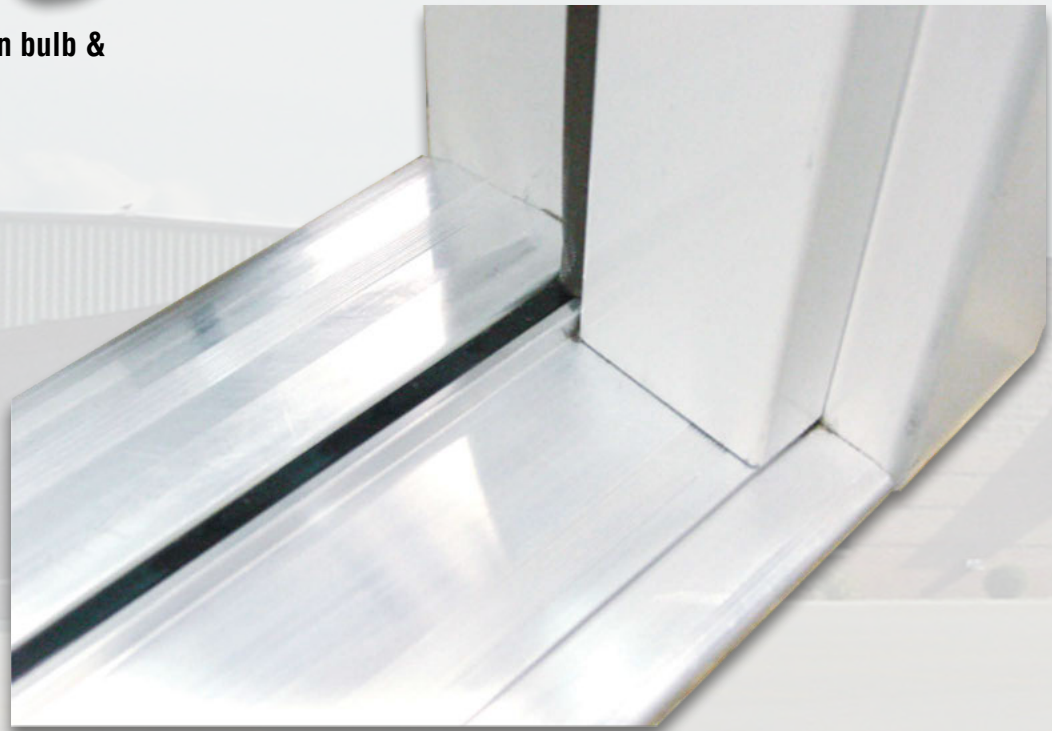




■ Durable Alcryn bulb & fin sweep



■ Optional Foam-Injected Insulated Frame



■ Pre-finished painted aluminum jambs

■ Full surround / In-line Thermal Break

■ Heavy weather strip to help seal door

# PLYCO Series 92 Door

## SIZES

3/0 x 6/8 3/6 x 6/8 4/0 x 6/8 Dbl. 6/0 x 6/8 Dbl. 7/0 x 6/8 Dbl. 8/0 x 6/8  
 3/0 x 7/0 3/6 x 7/0 4/0 x 7/0 Dbl. 6/0 x 7/0 Dbl. 7/0 x 7/0 Dbl. 8/0 x 7/0

## OVERALL DIMENSIONS MULLION / ASTRAGAL

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)  
 Double doors have a removable mullion centered in the frame of the pair - shipped knockeddown.  
 Hinges are attached to jambs. Manual head and foot bolt concealed in the mullion.

## HINGES

(3) 4 1/2" x 4 1/2" Stainless Steel NRP (non-removable pin) high quality hinges are standard.

## DOOR PANEL

### THICKNESS

1 3/4"

### SKIN

Smooth 24 ga. galvanized steel painted finish. 3068 available in 6-panel or X-Buck styles.

### EDGES

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

### BLOCKING

HDPE lock reinforcing structure, optional steel plate closer & panic hardware blocking.  
 Optional full hardware installation. Special lock blocking is available.

### INSULATION

Flush Panel R-13 injected polyurethane core (u= .077).

### EMBOSSING

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

### COLORS

Polar White, Hickory Moss or Bronze finish paint.

### LOCK FACE PREP

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

### DEADBOLT

Standard edge prep for deadbolt. Interconnected lock prep is available.

### SWEEP

Durable Alcryn bulb & fin sweep.

### INSULATED LITE KITS

1 LB-2 22x36 no grids 9 LB-2 22x36 9 lite grids  
 1 LG-2 22x30 no grids used with exit panic bar 1 LE-2 16x16 no grids  
 9 LG-2 22x30 9 lite grids used with exit panic bar 1 LK-2 30x36 12 lite grids used with 4068/4070  
 1 LI-2 20x24 no grids 1 LC-2 7x60 no grids  
 15 L-2 22x60 15 lite grids 1 LL -2 22x60 no grids  
 Other glass sizes are available. All glass is tempered and labeled per test criteria CPSC 16 CFR Part 1201 Cat. II.

## FRAME

### TYPE

PREHUNG thermally-broken steel and aluminum - assembled in three frame depths.

### 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, unpainted, thermally-broken ADA compliant threshold. Dedicated swing is standard.

## TESTING

The Series 92 System has been tested and Certified as shown:

Air Infiltration	ASTM-E283	<0.20 CFM/ft	Passed
Water Penetration	ASTM-E331	No leakage	Passed
Forced Entry Resistance	AAMA 1304	300 lb. Point Load	Passed
Wind-Storm Resistance	ASTM-E330-02	Single Lock +/- 40 psf	DP 40 (52 x 86)
(Flush Doors, up to 4070)		Deadlock added +/- 45 psf	DP 45 (52 x 86)
Thermal Performance	NFRC 100-2010	U factor = 0.24	NFRC Certified

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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