

PLYCO

CORPORATION

PO BOX 386 • ELKHART LAKE, WI 53020

SERIES 92 COMMERCIAL THERMAL BREAK DOORS

SERIES 92



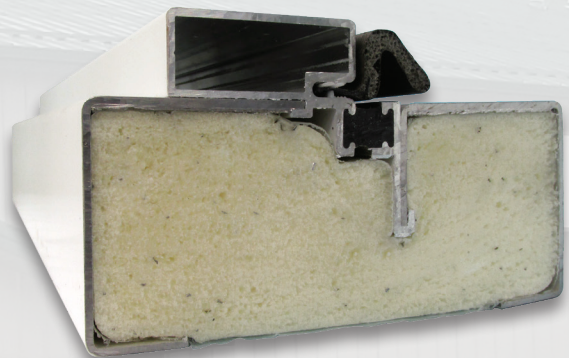
- Pre-Hung
- Full Thermal Break
- Pre-Finished
- Four Styles of
Thresholds Available

Build **PLYCO** Strong

PLYCO Series 92 Door

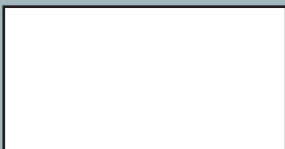
- 24 Gauge hot dipped galvanized steel panel, 1 3/4" thick with fully-rolled edges
- Energy-saving solid polyurethane insulating core with an R-13 value
- Three (3) 4½"x4½" stainless steel (NRP) hinges
- HDPE lock reinforcing structure
- Standard edge prep for deadbolt
- Available with any Plyco window 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

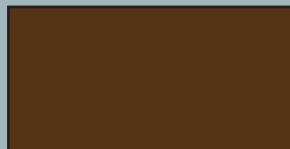


Available in 4 color choices

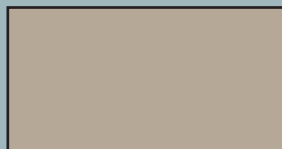
Polar White



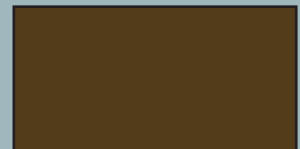
Chocolate Brown



Hickory Moss



Bronze



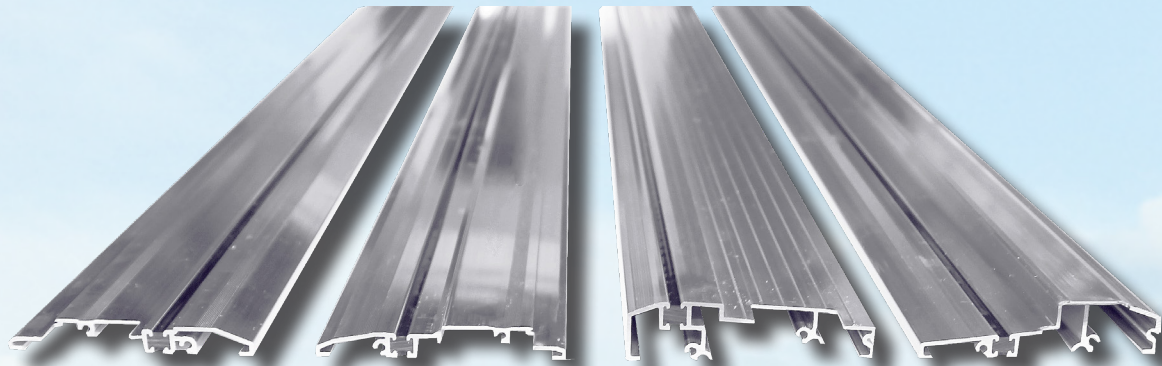


Durable Alcryn bulb & fin sweep



- 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

ADA Outswing

Performance Inswing

Performance 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.

MULLION / ASTRAGAL

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 HINGES

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.

DOOR PANEL

THICKNESS

1 3/4"

SKIN

Smooth 24 ga. galvanized steel skin - painted finish.

EDGES

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

BLOCKING

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.

INSULATION

Core is solid polyurethane injected 2.3 pcf foam. Foam R-Value of R-13. No GWP, VOC exempt, zero ODP
3/0 x 6/8 only- Six panel (6P) style, X-Buck (XB) style.

EMBOSSING

COLORS

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

LOCK FACE PREP

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

DEADBOLT

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

SWEEP

Durable Alcryn bulb & fin sweep.

INSULATED LITE KITS

1 LB-2 22x36 no grids	1 LL-2 22x60 no grids	9 LB-2 22x36 9 lite grids
15 L-2 22x60 15 lite	1 LI-2 20x24 no grids	1 LN-2 10x10 no grids
1 LT-2 7x36 no grids	1 LK-2 30x36 12 lite grids (used with 4068/4070)	
1 LC-2 7x60 no grids	1 VH-2 22x36 vertical hung with screen openable lite kit	

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

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

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.