PLYCO™
BUILDING A WORLD OF DIFFERENCE

HEAVY DUTY MULTI-PURPOSE DOORS

SERIES 20

5 STANDARD COLORS AVAILABLE

BRONZE | POLAR WHITE | BLACK | HICKORY MOSS | CHOCOLATE BROWN

ENERGY EFFICIENT
PRE-HUNG • PRE-FINISHED

EXCLUSIVE HIGH PERFORMANCE SERIES

DURABLE | AIR | WATER

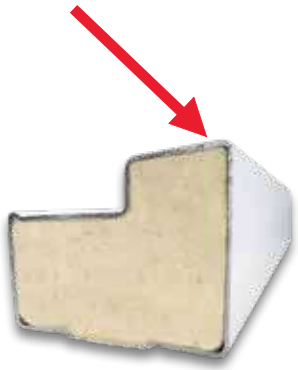
ENTRY DOORS

INSULATED DOOR SYSTEM
SUPERIOR WEATHER PROTECTION

SERIES 20
FEATURES

PLYCO's Series 20 walk doors are designed to be energy efficient, easy to install, and dependable enough to withstand the test of time. Unlike other metal walk doors, the Series 20 makes installation easier, and includes a universal swing feature along with performance dedicated thresholds.

Highly engineered Everlast panel design for long-term durability and structural integrity.



Optional Foam -Injected Insulated Jambs

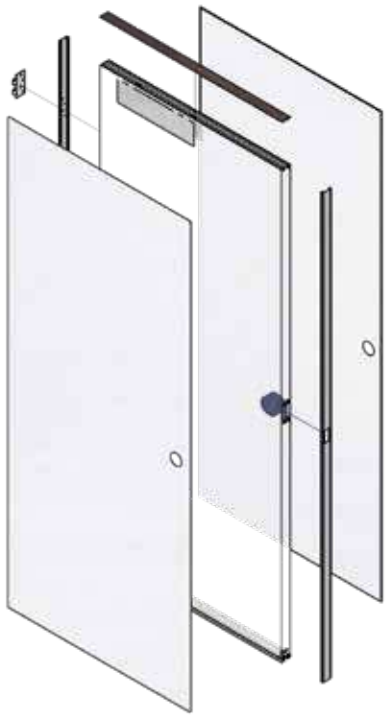
- 24 Gauge Everlast steel panel, 1 3/4" thick with fully-rolled edges
- Full header with dedicated inswing or outswing threshold provides high performance (Black only available with full header option)
- Universal Swing feature is fully reversible in the 3 1/2" jamb with universal threshold
- 16 gauge galvanized steel jamb
- Stainless steel hinges standard
- Resilient, flexible weather stripping on jamb allows for greater leak protection
- Jamb includes hinge and strike recess and counter sunk mounting holes for smooth installation
- HDPE composite lock block and deadbolt prep are standard
- ADA compliant accessible threshold is optional
- Passes all IBC code tests
- Individually cartoned and packaged to help prevent shipping damage

Available in these premium pre-finished colors.

*** Black color features Cool Reflective Technology.**

Proprietary Everlast Panel Design

· Interlocking Aluminum Rail System for High Performing Structural Integrity



COMMON DOOR OPTIONS

- Panic hardware
- Door Closers
- Extra heavy duty locksets
- Security deadlocks
- Passage locksets
- Special blocking
- Master keyed locksets

RECOMMENDED APPLICATIONS

- Post Frame
- Commercial
- Agricultral
- Utility
- Agricultural Confinement
- Out Buildings
- Light Commercial
- Residential

WEATHER STRIPPING

Resilient and flexible weather stripping. AAMA tested weather protection.

SWEEP

Durable Alcryn bulb and fin sweep top and bottom. Flexible up to -40°F.

FULL HEADER

Standard door includes full header for best performance along with dedicated threshold.

LATCH PLATE

Latch plate is horizontally adjustable in and out to ensure a tight fitting door. Simply loosen screws and tighten to desired position.

THRESHOLDS

Four styles of threshold available:

ADA (Mill Finished) | Universal | Inswing | Outswing

* Water infiltration reduced with Dedicated threshold

SERIES 20

TECHNICAL INFORMATION

Sizes	Widths:	2'6" (26) 3'0" (30) 4'0" (40)	2'8" (28) 3'6" (36) 6'0" (60)	7'0" (70) 8'0" (80)	Heights:	6'8" (68) 7'0" (70)
Mullion/ Astragal	Double doors have attached astragal on the inactive panel of the pair - shipped knocked down with full header. Hinges are attached to jambs. Manual head and foot bolt concealed in the astragal. Astragal is non-detachable.					
Overall Dimensions	Example Rough Opening - 3/0 x 6/8 = 39 7/8" + 1/2", Width x 81 3/8" + 3/8", Height = 40 3/8" x 81 3/4".					
Hinges	(3) 4" x 4" stainless steel NRP hinges are standard. Ball-bearing stainless steel on 4/0 sizes.					
Door Panel						
Thickness	1 3/4"					
Skin	Smooth, 24 ga. galvanized steel - painted finish					
Edges	Rolled edge in aluminum core rails.					
Blocking	HDPE poly lock reinforcing structure, optional steel closer and panic bar blocking. Special lock blocking available.					
Door Insulation	Panel R-12 - Polyurethane foam coare					
Embossing	3/0 x 6/8 only - Six panel (6P) style, X-Buck (XB) style.					
Colors	Polar White (PW), Black (BK), Bronze (BZ), Chocolate (CH) and Hickory Moss (HM)					
Lock Face Prep	Standard: 2 1/8" lockset bore				Backset: 2 3/4" - non-bore optional	
Dead Bolt	Optional face bore and edge prep for deadbolt, latchguard available as an option.					
Sweep	Durable, Alcryn bulb and fin sweep					
Lite Kits	1LB-2 22x36 insulated 1LA-2 20x24 single glaze 1LU-2 4x48 single glaze				1LE-2 16x16 insulated 1LI-2 20x24 Insulated 9 LB-2 22x36 9 lite grids	
	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 16 ga. galv steel - Flush plain doors are universal swing with high performance weatherstripQ-Lon kerf weatherseal					
Frame Depths	3 1/2" only. Reveal is 1 7/8"					
Hinge Preps	Face mounted with concealed edges					
Anchors	Standard frame screws, optional masonry wall clips or metal framing fasteners. Optional steel subframe.					
Threshold	Aluminum, painted, universal, ADA threshold is available. Dedicated swing option is available.					
Weatherseal	Flexible foam filled v-seal.					
Testing	AAMA/WDMA/CSA 101/I.S.2/A440-17 - NAFS - Certified Performance Label Available. See Texas Product Evaluation #DR-571-DR-576 & Florida FBC Product Approval #15336 Series 20EV.					

The Series 20 System has been tested and Certified as shown:

✓ Air Infiltration	ASTM-E283	<0.20 CFM/ft	Passed
✓ Water Penetration	ASTM-E331	No leakage	Passed
✓ Physical Endurance	AAMA 920	100,000 cycles	Passed
✓ Forced Entry Resistance	AAMA 1304	300 lb Point	Passed
Thermal Resistance	NFRC 100-2018	U factor = .24	Passed
✓ Wind-Storm Resistance	ASTM-E330-02	Single Lock	+/-45 psf Class LC-PG45 (52x86)
(Flush Doors, up to 4070)		Deadlock Added	+/-45 psf Class LC-PG45 (52x86)
(Full 22x60 Insul. Lite Kit Installed up to 4070)		Single Lock or DB	+/-30 psf Class LC-PG45 (40x60)
(Full 22x60 Insul. Lite Kit Installed up to 4070)		Panic Bar - Rim Device	+/-30 psf Class LC-PG45 (40x86)

(Additional testing information available upon request)

PLYCO™ CORPORATION
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Because of its ongoing commitment to product improvement, Plyco Corporation reserves the right to change, without notice, product specifications, availability, prices and conditions of sale.