

GENFRAME™ SERIES

Tough to the core™

GenFrame™ DW/MA-12
GenFrame™ DW/MA-14
GenFrame™ DW/MA-16
GenFrame™ DW/MA-18
GenFrame™ DW/MA-22



Gensteel offers a full range of steel frames in standard or custom sizes and profiles. Steel frames are available for dry wall or masonry applications in 12, 14, 16, and 18 gauge for 1 $\frac{3}{4}$ in. (45 mm) doors and in 22 gauge for 1 $\frac{3}{8}$ in. (35 mm) doors. All standard frames are manufactured from galvanized steel and are reinforced to receive specified architectural hardware in accordance to ANSI A115 standards. Frames are also available in stainless steel, lead-lined (x-ray) and G90 galvanized steel.

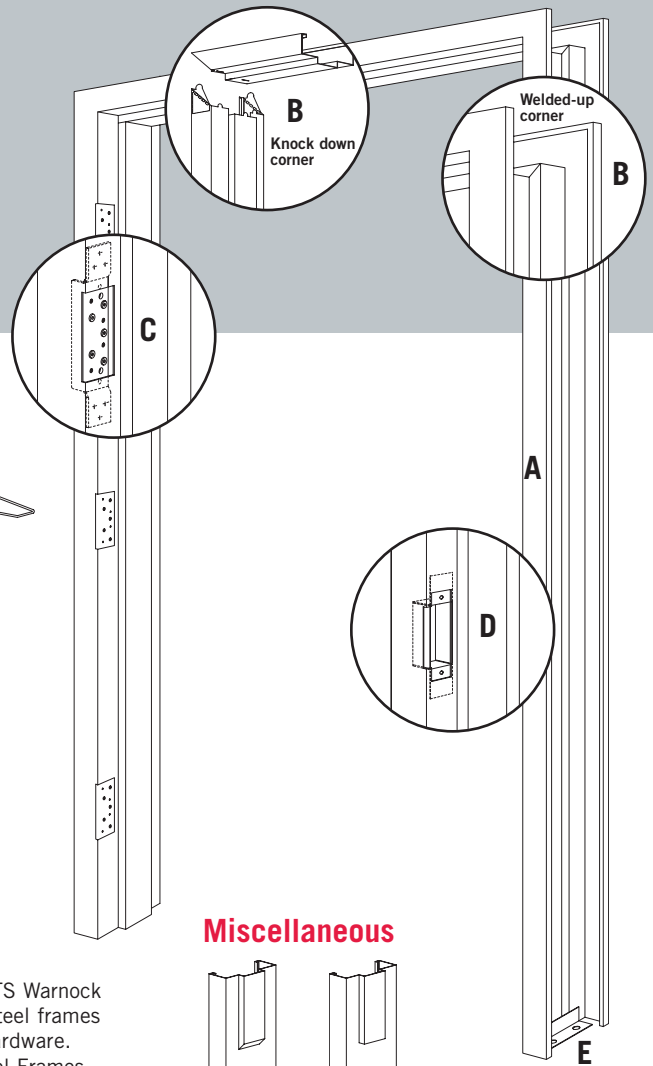
Gensteel also offers a full line of frames with thermal break for cold climate exterior applications.

General Specifications

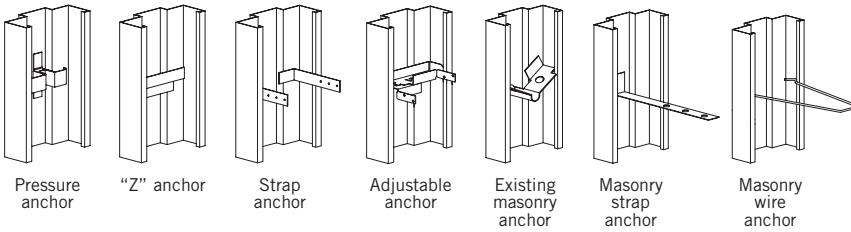
- Standard frames are available as welded-up or knock down (KD).
- Hinge jambs are prepared and reinforced to receive 3 standard weight 4 $\frac{1}{2}$ " x 4 $\frac{1}{2}$ " (114 mm x 114 mm) butt hinges. Hinge reinforcements can easily be converted to accommodate heavy weight hinges.
- Strike jambs are prepared and reinforced to receive one standard 4 $\frac{7}{8}$ " (124 mm) strike in accordance to ANSI A115.1.
- Hinge and strike jambs are supplied with appropriate wall anchors.
- On welded-up frames, all welded joints are ground smooth and touched-up with primer paint to provide a seamless look.

Frame Construction

- A 12, 14, 16, 18 or 22 gauge galvanized steel.
- B Knock down or welded-up corners.
- C 10 gauge high frequency dual purpose hinge reinforcement with return bend for added strength. Can easily be converted to accommodate heavy weight hinges.
- D 18 gauge ASA strike reinforcement with closed back.
- E 18 gauge floor anchor.
- High precision **QUICKFIT™** certified assembly.



Available Wall Anchors



Recommended Uses	Light Duty	Standard Duty	Medium Duty	Heavy Duty	Extra Heavy Duty
GenFrame™ DW/MA-12					X
GenFrame™ DW/MA-14				X	X
GenFrame™ DW/MA-16			X	X	
GenFrame™ DW/MA-18		X	X		
GenFrame™ DW/MA-22	X				

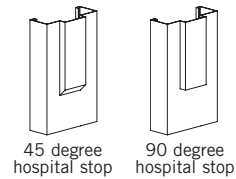
Fire Labels



Gensteel fire labeled steel frames are approved by both Intertek Testing Services (ITS Warnock Hersey) and Underwriters Laboratories (UL) Fire Labeling Programs*. Fire labeled steel frames must be installed with an equivalent fire labeled door with approved fire listed hardware. For fire labeling restrictions and limitations refer to the Fire Labeling Guide for Steel Frames.

* 22 gauge frames cannot be fire rated

Miscellaneous



Fire Labeling Guide for Steel Frames

Type	Min. Gauge	Min. Throat Opening	Max Frame Rebate Sizes		Available Rating	Notes
			Single	Double		
Basic frames	16	3½" double rabbet 2½" single rabbet	4'0" x 10'0"	8'0" x 10'0"	3 h 1½ h 45 min	For drywall or masonry openings. Available knock down or welded-up
	18	4¾"	3'0" x 7'0"	6'0" x 7'0"		
Frames with center mullion	16	3½" double rabbet 2½" single rabbet	—	4'0" x 8'0"	3 h 1½ h 45 min	For drywall or masonry openings. Center mullion may be fixed or removable.
Double egress frames	16	3¾"	—	8'0" x 8'0"	3 h, 1½ h, 45 min	For drywall or masonry openings.
Multi-opening frames	16	2½"	—	12'0" x 8'0" with no individual opening to exceed 8'0" x 8'0"	1½ h 45 min	For masonry openings. Mullions may be fixed or removable.
Transom frames with or without transom bar	16	3"	4'0" x 11'2" transom panel height ≤ 4'2", door opening height ≤ 9'0"	8'0" x 11'0" transom panel height ≤ 4'0", door opening height ≤ 9'0"	1½ h 45 min	For drywall or masonry openings
Glazed or paneled screens	16	3"	13'6" x 12'0" overall for masonry opening 11'4" x 10'0" overall for drywall opening maximum door opening size 8'0" x 8'0"		45 min	Glazed opening area ≤ 1296 in. ² per glazed opening. Glazing width & height ≤ 4'6".
	16	4¾"	10'2" x 10'1" overall for drywall or masonry openings maximum door opening size 8'0" x 8'0"		1½ h 45 min	Transom panel size ≤ 3'5" x 2'2". Side panel area ≤ 1296 in. ² per side panel with width ≤ 2'6" & height ≤ 4'6".
Window frames	16	3"	13'6" x 12'0" overall for masonry opening 11'4" x 10'0" overall for drywall opening		45 min	Glazed opening area ≤ 1296 in. ² per glazed opening. Glazing width & height ≤ 4'6".

As a result of Gensteel's ongoing quest for improvement, technical specifications are subject to change without notice.



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