



ZHDL.R27012 - Door Frames

Door Frames

AADG Inc, DBA Concept Frames

2015 INDUSTRIAL DR

PO BOX 248

NEWTON, NC 28658-0248 United States

R27012

Model	Configuration	Wall Type	Max Opening Size (ft-in.)	Max Design Pressure (psf)	Max Impact Energy Resistance (ft-lbs)	Test Method(s)*
Hollow Metal	Single swing	Masonry, Drywall, wood stud	3 ft - 0 in. by 7 ft - 0 in.	70	350	SDI-BHMA A250.13, ASTM E330, ASTM E1886, ASTM E1996, TAS 201, TAS 202, TAS 203
Hollow Metal	Standard Swing Pair	Masonry, Drywall, wood stud	6 ft 0 in. by 7 ft - 0 in.	70	350	SDI-BHMA A250.13, ASTM E330, ASTM E1886, ASTM E1996, TAS 201, TAS 202, TAS 203

Note: (+) load applied to outdoor (exterior) side of assembly.

* See ZHCH for ratings and construction details.

Model	Configuration	Wall Type	Max Opening Size	Design Load (psf)	Impact (ft-lbs)
3-Sided Frames	Single - In-Swing	Drywall and Wood or Metal Stud (new or existing), Masonry (new or existing) and Structural Steel	3-0, 7-0	+/- 70	350
	Single - Out-Swing	Drywall and Wood or Metal Stud (new or existing), Masonry (new or existing) and Structural Steel	4-0, 8-0	+/- 70	350
	Pairs without mullion - In-Swing	Drywall and Wood or Metal Stud (new or existing), Masonry (new or existing) and Structural Steel	6-0, 7-0	+/- 70	350
	Pairs with or without removable hollow metal mullion - Out-Swing	Drywall and Wood or Metal Stud (new or existing), Masonry (new or existing) and Structural Steel	8-0, 7-0	+/- 65	350
	Pairs with or without hardware mullion - Out-Swing	Drywall and Wood or Metal Stud (new or existing), Masonry (new or existing) and Structural Steel	8-0, 8-0	+/- 70	350

Transom Frames*	Single - In-Swing or Out-Swing	Drywall and Wood or Metal Stud (new or existing), Masonry (new or existing) and Structural Steel	3-0, 7-0 (Door)10-2 (Max Door + Transom Ht)	+/- 60	350
	Single - Out-Swing	Drywall and Wood or Metal Stud (new or existing), Masonry (new or existing) and Structural Steel	3-0, 8-0 (Door)10-0 (Max Door + Transom Ht)	+/- 60	350
	Pair -without mullion Out-Swing	Drywall and Wood or Metal Stud (new or existing), Masonry (new or existing) and Structural Steel	6-0, 7-0 (Doors)10-2 (Max Door + Transom Ht)	+/- 60	350
	Pairs with or without hardware mullion - Out-Swing	Drywall and Wood or Metal Stud (new or existing), Masonry (new or existing) and Structural Steel	6-0, 8-0 (Doors)10-0 (Max Door + Transom Ht)	+/- 60	350
Sidelight Frames*	Single - In-Swing or Out-Swing	Drywall and Wood or Metal Stud (new or existing), Masonry (new or existing) and Structural Steel	3-0, 7-0 (Door)4-6 (Max O/A Unit Width)	+/- 60	350
	Single - Out-Swing	Drywall and Wood or Metal Stud (new or existing), Masonry (new or existing) and Structural Steel	3-0, 8-0 (Door)12-8, 10-0 (Max O/A Unit Size)	+/- 60	350
	Pairs without mullion - Out-Swing	Drywall and Wood or Metal Stud (new or existing), Masonry (new or existing) and Structural Steel	6-0, 7-0 (Doors) 12-8, 10-0 (Max O/A Unit Size)	+/- 60	350
	Pairs with or without hardware mullion - Out-Swing	Drywall and Wood or Metal Stud (new or existing), Masonry (new or existing) and Structural Steel	6-0, 8-0 (Doors)12-8, 10-0 (Max O/A Unit Size)	+/- 60	350
Hollow Metal Window Frames*	Fixed	Drywall and Wood or Metal Stud (new or existing), Masonry (new or existing) and Structural Steel	12-8, 10-0 (Max O/A Unit Size)6-0, 8-10 (Max Individual Light Opening)	+/- 60	350

* Frame to be glazed with a windstorm resistant glazing material with a design load and impact rating the same or greater than the ratings presented for the frame.

Products also tested to TAS 201, TAS 202, TAS 203, PA 201, PA 202, PA 203, ASTM E330, ASTM E1886 and ASTM E1996

Last Updated on 2021-06-16

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