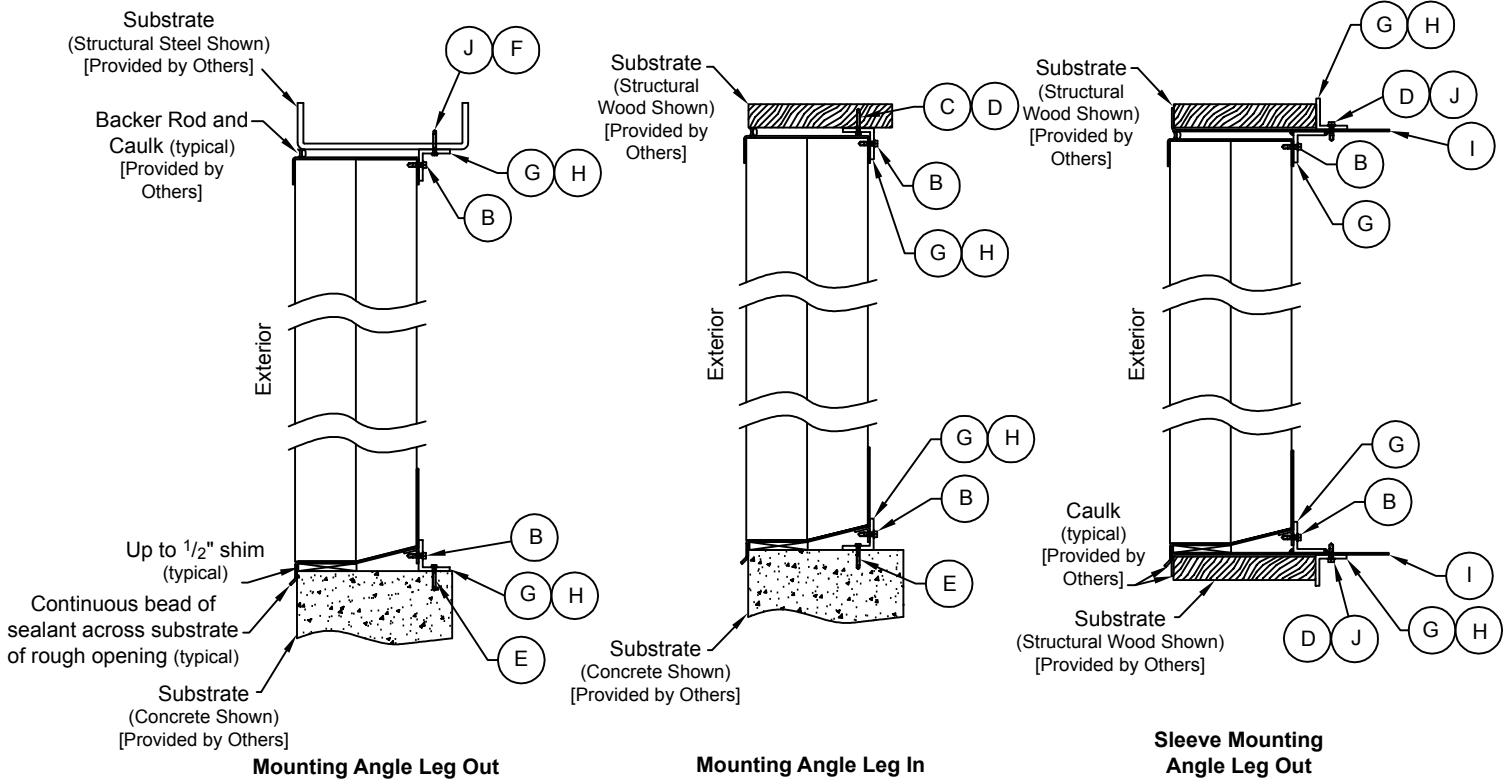


Standard Installation

Hurricane Louver Model M8 - NOA 08-1202.06: A820, A8VB, IL82

General Notes:

1. The M8 louver system has been designed and tested in accordance with the Florida Building Code (FBC) and Protocols TAS-201, 202, and 203.
2. The M8 louver system is qualified for "Enhanced Protection" for Essential Facilities Applications via the successful testing of Large Missile Test (at 80 F/S) and cyclic load tests as specified by ASTM 1886/1996.
3. The M8 louver system has been tested for water infiltration resistance, TAS-100 criteria, and is a water resistant system.
4. It shall be the responsibility of the permit holder to verify the structural integrity of the existing structure to support the loads superimposed by the louvers.
5. Louver panels may be butted together to infinite width with a maximum height of 96". Maximum single panel shall be 48"W x 96"H.
6. Mullied panels may be horizontally installed to an unlimited number. Vertical stacking of mullied panels is not part of this approval.
7. Separation of dissimilar materials must be maintained per all applicable codes.
8. Backer Rod and caulk are provided by others and required at all louver (sleeve) to substrate seams as well as all vertical mullions.



Maximum Allowable Design Wind Pressure			
Fastener C/C (X)	Fastener End Distance (Y)	Positive	Negative
4"	2"	150 PSF	150 PSF
8"	4"	75 PSF	75 PSF
12"	6"	50 PSF	50 PSF

Substrate Type	Requirement
Wood	Min. Grade 3 G = 0.55 Density Min
Steel or Metal Stud	16-GA Min Fy = 33 ksi
Concrete	3000 psi Min
Concrete Block	C-90 CMU/3000 psi Concrete
Structural Steel	12-GA Min Fy = 36 ksi

Fastener Schedule					
Anchor Type	Notes	Substrate	Minimum Embedment	Minimum Edge Distance	
E	1/4" Concrete Screw	(1)	Concrete	1 1/4"	2"
F	1/4" - GR. 5 - Bolt	(2)	Steel or Metal Stud	Full	1/2"
B	#14 Tek Screw	(4)	Metal Stud	Full	1/2"
D	#10- GR. 5 - Sheet Metal Screw	(3)	Sleeve	Full	1/2"
C	#10 - GR 5. - S.S Wood Screw	(3)	Wood	1 1/4"	3/4"
J	#10 - GR. 5 - Tek Screw	(4)	Steel	Full	1/2"

Material Schedule	
G	2" x 2" 6063-T5 Extruded Aluminum Angle
H	2" x 4" 6063-T5 Extruded Aluminum Angle
I	5052-H32 x .125" Aluminum Sleeve

- (1) Concrete screws shall be ITW Ramset/Red Head or Elco Tapcons, Hilti Kwik-Con II or Powers Rawl Tapper. (Hardened Steel or S.S)
- (2) Bolt shall be minimum A307 galvanized or 304 S.S (Fv = 10,000 PSI MIN.)
- (3) Screws shall have minimum yield strength of Fyb = 80,000 PSI
- (4) Tek Screws shall have minimum yield strength of Fyb = 80,000 PSI



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