QUICKTIE™ EPOXY – QE-1

PRODUCT FEATURES:

QuickTie™ QE-1 adhesives are an injectable two-component adhesive, tested to meet IBC requirements for both cracked and uncracked concrete applications. QE-1 adhesives are used for multiple anchoring systems, including QuickTie™ cables, fractional and metric threaded rod and rebar applications.

CODE COMPLIANCE:

ICC-ESR 4467

Part No.	Description	Standard Box Package
QE-1*	Quick Set Anchoring Epoxy - 19.8 oz	6
QE-1TL**	High Performance Manual Tool (19.8 oz)	1
1BSH	Epoxy Hole Cleanout Brush	1

* One mixing nozzle is packaged with each cartridge. QE-1 & QE-2 mixing nozzles must be used to ensure complete and proper mixing of the adhesive.

** For pneumatic or cordless, battery operated dispensing tools, contact QuickTie™ for ordering information.





QE-1 (19.8 OZ.)



QE-1TL (19.8 OZ.)



1BSH



QE-1 NOZZLE

ESR-4467
(QE-1 Adhesive Anchoring System)

FSTHD SERIES

PRODUCT FEATURES:

The FSTHD and FSTHDJ series are embedded foundation strap-tie holdowns engineered to anchor wood framing (studs or posts) securely to concrete foundations or slabs. These holdowns are typically used at the ends of shear walls or in other high-stress framing locations where resisting uplift forces is critical.

MATERIAL:

FSTHD8/8J – 14 ga
FSTHD10/10J, 14/14J – 12 ga

COATING:

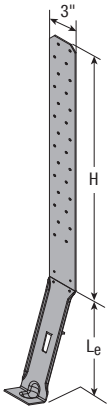
Galvanized (G185)

INSTALLATION:

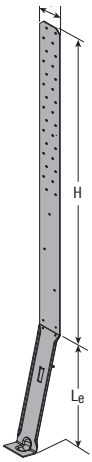
- Use all specified fasteners in schedule to achieve values indicated.

CODE COMPLIANCE:

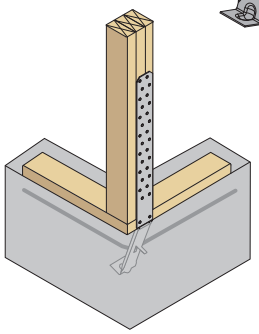
TER 0910-01; FL 3557



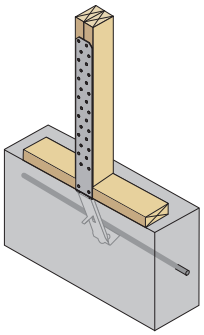
FSTHD
(Standard)



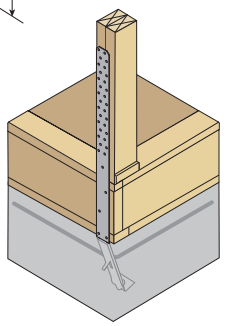
FSHDJ
(Rim Joist)



Standard Installation at Corner



Standard Installation at Midwall



Rim Joist Installation at Corner

ALLOWABLE LOADS FOR FOUNDATION STRAP-TIE HOLDOWNS (LB)[1,2,3,4,5]

Part No.	Embedment Length, L_e (in.)	Strap Length, H (in.)	Stud Fasteners		SP		DF-L		HF/SPF	
			Type	Qty	Corner[4]	Mid-Wall[5]	Corner[4]	Mid-Wall[5]	Corner[4]	Mid-Wall[5]
					1.6	1.6	1.6	1.6	1.6	1.6
FSTHD8	8	18-5/8	10d x 3-1/4" (0.148 x 3.25")	20	2,755	3,455	2,755	3,195	2,755	2,760
FSTHD8J		32-1/8								
FSTHD10	10	24-5/8		28	3,750	5,800	3,750	5,370	3,750	4,660
FSTHD10J		38-1/8								
FSTHD14	14	26-1/8		30	6,615	6,615	6,230	6,230	5,405	5,405
FSTHD14J		39-5/8								

NOTES:

1. Allowable loads are provided for a load duration factor (C_D) of 1.6. No further increase is permitted. Total deflection of connector assembly at highest allowable load: FSTHD8 = 0.072", FSTHD10 = 0.068", FSTHD14 = 0.111"
2. Minimum wood member size is 3" x 3-1/2".
3. Minimum compressive strength of concrete is 2,500 psi. Minimum of one (1) #4 rebar is required at 6" embedment and 3" edge distance.
4. For corner straps, minimum end distance is 1/2" and minimum center-to-center spacing is 3 times the embedment length.
5. For mid-wall straps, end distance is 1.5 times the embedment length.

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