

TORQ-LOK (cont'd)

Anchor Spacing

Torq-Lok anchors are typically installed at one anchor per 2-5 square feet of veneer area to be retrofitted. It is recommended that you refer to your local building codes and standards for spacing condition requirements of wall ties and anchors for appropriate compliance.

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Typical Torq-Lok Mechanical Anchor Performance Characteristics					
	Anchor Location	Anchor Series	Hole Size (in)	Ultimate Tension (lb)	Ultimate Comp. (lb)
VENEER	Mortar Joint (1500 psi)	500	1/2	900-1600	800
		510	1/2		
		520	1/2		
		530	1/2		
BACK-UP	Light Weight CMU	510	3/8	1000	1200
	Normal Weight CMU	510	3/8	1100	1300
	Concrete (3500 psi)	500	1/2	2000	1500
		510	3/8	1500	1500
	Solid Brick (9000 psi)	500	1/2	1500	1500
		510	3/8	1200	1500
	Clay Tile (Hollow)	510	3/8	700	600
	Wood Kiln Dried Stud, 2x4	520	N/R	750	750
		530	N/R	840	840
16 gauge Metal Stud	520	N/R	450	450	
	530	3/16	550	550	
Steel	510	3/8	2000	2000	

Typical Torq-Lok Mechanical Anchor Selection Chart
Note: Anchor selection is based on a typical veneer of 3 5/8" thick

BACK-UP MATERIAL	TORQ-LOK ANCHOR SERIES			
	500	510	520	530
Hollow CMU		X		
Solid CMU	X	X		
Concrete	X	X		
Brick	X	X		
Clay Tile		X		
Wood			X	X
Metal Stud			X	X
Steel		X	X	X

Typical Torq-Lok Shaft Properties

ULTIMATE SHAFT BUCKLING STRENGTH	
SHAFT LENGTH (in)	CAPACITY (lb)
5 1/2	1620
6 1/2	1425
9 1/2	1100
11 1/2	725

TORQ-LOK SETTING TOOL

