

 **FastenMaster.**

# LedgerLok<sup>®</sup>

## LEDGER BOARD FASTENER

**Faster, Easier, Stronger than 1/2" lags.**

**The first fastener engineered to attach deck ledger boards to a wooden house structure with no predrilling.**

The design features of this FastenMaster product include:

- Stronger design shear values than 1/2" lags.
- IBC/IRC Code Compliant ESR# 1078
- Built in washer head design eliminates the need for additional washer.
- Proprietary three step coating process protects against corrosion, even in pressure treated wood. ACQ approved.
- Free 5/16" driver bit in every package.
- NOTE: Not designed for use in masonry or concrete.



# LedgerLok®

## LEDGER BOARD FASTENER

### INSTALLATION PROCEDURE

The FastenMaster LedgerLok should be installed using a high torque, 1/2" variable speed drill (at least 14.4V if cordless). Choose the proper length LedgerLok so that threads fully engage the main member (i.e. – rim joist). Bring washer flush to side member – do not countersink.

Lateral Design Values (in lbs. per fastener) for single shear connections loaded perpendicular to grain

Wood	Specific Gravity**	FastenMaster LedgerLok	Nails			Lags		
			16D	20D	40D	1/4"	3/8"	1/2"
Red Oak	0.67	359	184	222	268	140	160	280
Southern Pine	0.55	292	154	185	224	120	140	230
Doug. Fir-L,SCL*	0.50	261	141	170	205	110	130	200
Doug. Fir-S	0.46	238	131	157	190	100	120	190
Hem. Fir	0.43	220	122	147	178	100	120	180
E. Spruce, W. Cedar	0.36	176	104	126	138	90	100	150

\* SCL=Structural Composite Lumber (LVL,PSL and LSL)

\*\* Wood species identified typically have average specific gravity similar to the values shown on this table.

All design values based on 1 1/2" side member thickness and penetration into main member as follows; LedgerLok 2", Nails 10x diameter, Lags 8x diameter. Design values may be subject to adjustment factors (section 10.3 in NDS) based on conditions existing during installation as well as those expected during service life.

The lag screw and nail design values included in these tables are compiled directly from the 2001 National Design Specification for Wood Construction (2001 NDS).

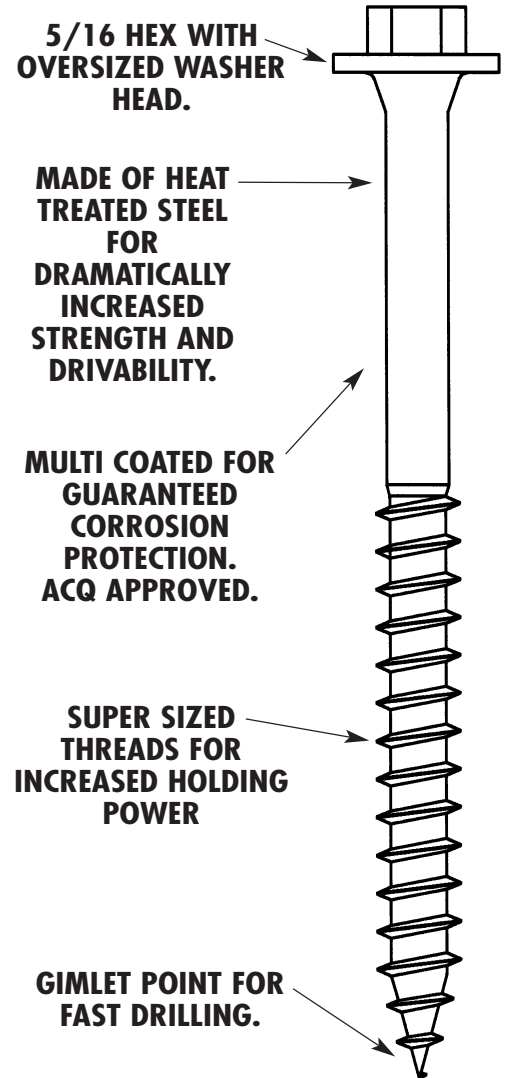
#### Ledger Board Attachment Comparative Data

The statement *Faster, Easier, Stronger Than 1/2" Lag Screws* relates to the comparison of design shear values of LedgerLoks and 1/2" lag screws.

The Professional Engineer (PE) is responsible for designing all connections, which include the number and location of all fasteners to meet the national and local code requirements. All minimum end, edge and spacing distances of the LedgerLok should follow minimums set forth in ICC ESR-1078. (see [www.fastenmaster.com](http://www.fastenmaster.com)). This report should be reviewed thoroughly when designing connections.

Note: Photographs on this package showing LedgerLok usage should not be used as a reference for fastening patterns.

For complete design values and engineering data, available through ICC-ES, see report ESR-1078 at [www.icc-es.org](http://www.icc-es.org).



Part Number	Screw Length	Quantity per Pack
FMLL358-50	3 5/8"	50
FMLL358B-250	3 5/8"	250
FMLL005-50	5"	50
FMLL005B-250	5"	250

FM06041-40M-AML