

**FastenMaster**

# LedgerLok®

**LEDGER BOARD FASTENER**

**Faster, Easier, Stronger  
than ½" lags.**

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

- Stronger design shear values than ½" 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 ⅝" driver bit in every package

**Note:** Not designed for use in masonry or concrete

Photograph should not be used as a reference for fastening patterns.



**For more information or free samples,  
call FastenMaster at 800-518-3569.**

## INSTALLATION PROCEDURE

LedgerLok should be installed using a high torque, ½" variable speed drill (at least 18V 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 pounds per Fastener) for single shear connections loaded perpendicular to grain

Wood	Specific Gravity**	FastenMaster LedgerLok	Nails		Lags	
			16D	20D	¾"	½"
Red Oak	0.67	373	184	222	160	280
Southern Pine	0.55	290	154	185	140	230
Doug. Fir-L, SCL*	0.50	255	141	170	130	200
Doug. Fir-S	0.46	233	131	157	120	190
Hem. Fir	0.43	216	122	147	120	180
E. Spruce, W. Cedar	0.36	179	104	126	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 1½" 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 2005 National Design Specification for Wood Construction (2005 NDS).

#### Ledger Board Attachment Comparative Data

The statement "Faster, Easier, Stronger than ½" lag screws" refers to the comparison of design shear values of LedgerLoks and ½" 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). This report should be reviewed thoroughly when designing connections.

**Caution:** Photographs 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).**

For technical assistance or backup information, please contact FastenMaster Technical Support at 1-800-518-3569.

## PRODUCT FEATURES

5/16" HEX  
WITH OVERSIZED  
WASHER HEAD

MADE OF HEAT  
TREATED STEEL FOR  
DRAMATICALLY  
INCREASED  
STRENGTH AND  
DRIVABILITY

MULTI-COATED  
FOR GUARANTEED  
CORROSION  
PROTECTION.  
ACQ APPROVED

SUPER-SIZED  
THREADS FOR  
INCREASED HOLDING  
POWER

GIMLET POINT FOR  
FAST DRILLING



FM09047-30M-AML

Item #	Screw Length	Quantity per Pack
FMLL358-12	3½"	12
FMLL005-12	5"	12
FMLL358-50	3½"	50
FMLL005-50	5"	50
FMLL358-250	3½"	250
FMLL005-250	5"	250