

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).

For correct fastening patterns and complete installation procedures when attaching the deck ledger to rim joist, consult our Deck Ledger to Rim Joist Technical Bulletin at www.FastenMaster.com. In some ledger board connections, LedgerLok may not be a one-to-one replacement for ½" lag screw patterns.

For use of LedgerLok in non-ledger applications, please consult a design professional for designing all connections, which include the number and location of all fasteners to meet the national and local code requirements.

Ledger Board Attachment Comparative Data

The statement "Faster, Easier, Stronger than ½" lag screws" refers to the comparison of LedgerLok design values in ICC-ES Report #1078 and ½" lag screws as published in the current NDS.

For complete design values and engineering data, available through ICC-ES, see report ESR #1078 at www.icc-es.org.

For technical assistance or questions regarding proper use of this fastener, please contact FastenMaster Technical Support at 800-518-3569 or visit www.FastenMaster.com.

Item # Screw Length Quantity per Pack

FMLL358-12	3⅝"	12
FMLL005-12	5"	12
FMLL358-50	3⅝"	50
FMLL005-50	5"	50
FMLL358-250	3⅝"	250
FMLL005-250	5"	250

FMLSHEET (0211)

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

