LENTON® LOCK B1(D) Independent Test Data

ASTM® A615 Grade 60

Part Number	Independent Lab Test Report Number	Rebar Size in-lb	Rebar Size (mm)	Rebar Area (in^2)	Independent Test Result: Actual Stress Achieved (psi)	Independent Test Result: % fy	IBC® and ACI® 318 TYPE 1: Required Stress 125% x Specified Yield (125% x 60,000)psi	IBC® and ACI® 318 TYPE 1: TYPE 1 Pass/ Fail	IBC and ACI 318 TYPE 2: Required Stress Specified Tensile (90,000) psi	IBC and ACI 318 TYPE 2: TYPE 2 Pass/ Fail
LL12B1(D)	TJ8982	3	(10)	0.11	106,945	178%	75,000	Pass	90,000	Pass
LL12B1(D)	TJ8983	3	(10)	0.11	103,909	173%	75,000	Pass	90,000	Pass
LL12B1(D)	TJ8984	3	(10)	0.11	104,036	173%	75,000	Pass	90,000	Pass
LL12B1(D)	35278-1 #4-1	4	(12)	0.20	107,900	180%	75,000	Pass	90,000	Pass
LL12B1(D)	35278-1 #4-2	4	(12)	0.20	108,600	181%	75,000	Pass	90,000	Pass
LL12B1(D)	35278-1 #4-2	4	(12)	0.20	107,100	179%	75,000	Pass	90,000	Pass
LL16B1(D)	35278-1 #5-1	5	(16)	0.31	103,900	173%	75,000	Pass	90,000	Pass
LL16B1(D)	35278-1 #5-2	5	(16)	0.31	104,600	174%	75,000	Pass	90,000	Pass
LL16B1(D)	35278-1 #5-3	5	(16)	0.31	104,600	174%	75,000	Pass	90,000	Pass
LL20B1(D)	TJ2795	6	(20)	0.44	105,489	176%	75,000	Pass	90,000	Pass
LL20B1(D)	TJ2796	6	(20)	0.44	104,739	175%	75,000	Pass	90,000	Pass
LL20B1(D)	TJ2797	6	(20)	0.44	105,173	175%	75,000	Pass	90,000	Pass
LL22B1(D)	TJ2773	7	(22)	0.60	102,877	171%	75,000	Pass	90,000	Pass
LL22B1(D)	TJ2774	7	(22)	0.60	101,818	170%	75,000	Pass	90,000	Pass
LL22B1(D)	TJ2778	7	(22)	0.60	100,625	168%	75,000	Pass	90,000	Pass
LL25B1(D)	TJ2818	8	(25)	0.79	98,153	164%	75,000	Pass	90,000	Pass
LL25B1(D)	TJ2819	8	(25)	0.79	99,297	165%	75,000	Pass	90,000	Pass
LL25B1(D)	TJ2820	8	(25)	0.79	99,173	165%	75,000	Pass	90,000	Pass
LL28B1(D)	TJ2801	9	(28)	1.00	96,197	160%	75,000	Pass	90,000	Pass
LL28B1(D)	TJ2802	9	(28)	1.00	98,538	164%	75,000	Pass	90,000	Pass
LL28B1(D)	TJ2803	9	(28)	1.00	98,489	164%	75,000	Pass	90,000	Pass
LL32B1(D)	TJ2807	10	(32)	1.27	98,717	165%	75,000	Pass	90,000	Pass
LL32B1(D)	TJ2808	10	(32)	1.27	99,601	166%	75,000	Pass	90,000	Pass
LL32B1(D)	TJ2809	10	(32)	1.27	99,620	166%	75,000	Pass	90,000	Pass
LL36B1(D)	TJ2788	11	(36)	1.56	104,217	174%	75,000	Pass	90,000	Pass
LL36B1(D)	TJ2789	11	(36)	1.56	108,176	180%	75,000	Pass	90,000	Pass
LL36B1(D)	TJ2790	11	(36)	1.56	103,403	172%	75,000	Pass	90,000	Pass

Table is a summary of ELEMENT MATERIALS TECHNOLOGY and SMITH-EMERY Independent Laboratory tests. Test reports are available upon request.

LENTON LOCK B1(D) Series develops in excess of 150% fy.

WARNING:
1. ERICO products shall be installed and used only as indicated in ERICO product instruction sheets and training materials. Instruction sheets are available at www.erico.com and from your ERICO customer service representative.
2. ERICO products must never be used for a purpose other than the purpose for which they were designed or in a manner that exceeds specified load ratings.
3. All instructions must be completely followed to ensure proper and safe installation and performance.
4. Improper installation, misuse, misapplication or other failure to completely follow ERICO's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death.

The customer is responsible for:
a. Conformance to all governing codes.
b. The integrity of structures to which the products are attached, including their capability of safely accepting the loads imposed, as evaluated by a qualified engineer.
c. Using appropriate industry standard hardware as noted above.

SAFETY INSTRUCTIONS:
All governing codes and regulations and those required by the job site must be observed.
Always use appropriate safety equipment such as eye protection, hard hat, and gloves as appropriate to the application.

ACI is a registered trademark of American Concrete Institute
ASTM is a registered trademark of American Society for Testing and Materials
IBC is a registered trademark of International Code Council Inc.

CADDY, CADWELD, CRITEC, ERICO, ERIFLEX, ERITECH, and LENTON are registered trademarks of ERICO International Corporation.

© 2011,20012,2013 ERICO International Corporation.