



## Report of Materials and Equipment Acceptance Division

NYC Department of Buildings  
280 Broadway, New York, NY 10007  
Patricia Lancaster, FAIA, Commissioner  
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Pursuant to Administrative Code Section 27-131, the following equipment or material has been found acceptable for use subject to the terms and conditions contained herein.

### MEA 5-03-E Vol. 4

**Manufacturer:** Temlam Inc., C.P. 1178, Ville-Marie, Quebec,  
CANADA J0Z 3W0

**Trade Name(s):** TEMLAM

**Product:** Laminated veneer lumber (LVL)

**Pertinent Code Section(s):** 27-617 thru 27-624, Reference Standard RS 10

**Prescribed Test(s):** ASTM D 5456, D198 and D4761

**Laboratory:** Third party quality control certification by Intertek  
Testing Services (ITS), 3210 American Drive,  
Mississauga, Ontario, Canada L4V 1B3.  
Extrapolation of material property tables were signed  
and sealed by J. Mark Bartel, New York State  
Professional Engineer, License No. 078345

**Test Report(s):** ITS Quality Control Manual, dated March 15, 2005,  
for LVL manufactured at Temlam Inc. – Ville-Marie  
Plant.  
ITS Manufacturing Standards, dated March 15,  
2005, for LVL manufactured at Temlam Inc. – Ville-  
Marie Plant.  
ICC Evaluation Service, Inc. Report No. ESR-1898,  
re-issued November 1, 2006

**Description:** Temlam 2850f-1.9E and 3300f-2.0E are laminated veneer lumber (LVL), a structural composite lumber (SCL) consisting of Aspen or Birch/Aspen veneers laminated with the grain parallel to the length of the member. Temlam LVL is intended primarily for use as floor or roof beams or joists in wood-framed construction, but may be used in any structural assembly where their material properties have been used for an engineered design. Temlam LVL is manufactured under controlled conditions under a quality assurance program as outlined in the Quality Control Manual. Intertek Testing Service (ITS) performs periodic third-party inspections of Temlam LVL for quality control and conformance with the Quality Control Manual.



**TABLE 2**  
**TEMLAM LVL EQUIVALENT SPECIFIC GRAVITY FOR FASTENERS**

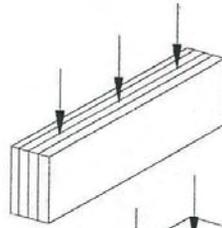
LVL Product & Grade	Equivalent Specific Gravity		
	Nails		Bolts
	Withdrawal Load	Lateral Load	Lateral Load (Installed perpendicular to gluelines) <sup>5</sup>
	Nails Installed at Edge or at Wide Face	Nails Installed at Edge <sup>4</sup> or at Wide Face	Load Applied Parallel or Perpendicular to Grain of Veneers
<b>2850f-1.9E</b>	0.46	0.43	0.50
<b>3300f-2.0E</b>	0.50	0.50	0.50

TABLE 1 NOTES:

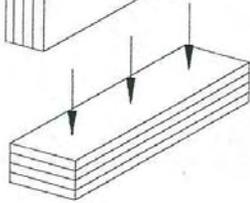
- 1) Fastener values based on the above equivalent specific gravities are for loads of normal duration. The values may be adjusted for the appropriate duration of load factor in accordance with ANSI/AFP A NDS
- 2) See Figure 1 for illustration of orientation.
- 3) Bolt spacing shall be in accordance with the applicable model code for solid-sawn lumber.
- 4) Applies to nails loaded parallel to gluelines. Nails installed at edge and loaded laterally perpendicular to gluelines are beyond the scope of this report.
- 5) Bolts installed parallel to gluelines are beyond the scope of this report.



**FIGURE 1**  
**TEMLAM LVL ORIENTATION**



JOIST/BEAM LOADING  
AND EDGE NAILING  
(PARALLEL TO GLUE LINES)



PLANK LOADING,  
AND WIDE FACE NAILING/BOLTING  
(PERPENDICULAR TO GLUE LINES)

**Terms and Conditions:** Temlam LVL, as described above, are accepted on condition that:

1. All uses, locations and installations comply with all the applicable requirements of the New York City Building Code and on further condition that the design provisions and specifications as listed in the above laboratory reports shall apply.
2. Structures designed using Temlam LVL shall conform to the manufacturer's specifications except that the appropriate design load(s), deflection limitation(s), and other performance standards of the New York City Building Code shall apply.
3. Temlam LVL shall be for interior use only and stamped MEA 5-03-E Vol. 4 on each beam.
4. Temlam LVL, when stored out of doors or exposed to wet weather conditions during construction, shall be inspected by the user for swelling or warping and be replaced if damaged.
5. The glue used shall not delaminate during a fire.
6. All shipments and deliveries of such materials shall be provided with permanent markings suitably placed, certifying that the materials shipped or delivered are equivalent to those tested and acceptable for use, as provided in Section 27-131 of the New York City Building Code.

Final Acceptance June 4, 2007.  
Examined By Donald [Signature]