

nVent LENTON Terminator D6 - Independent Test Data

ASTM[®] A615 Grade 60

Part Number	Independent Lab Test Report Number	Rebar		Independent Test Result		IBC [®] and ACI [®] 318 TYPE 1		IBC and ACI 318 TYPE 2		
		Size		Area (in ²)	Actual Stress Achieved (psi)	% fy	Required Stress 125% x Specified Yield (125% x 60,000) psi	TYPE 1 Pass/ Fail	Required Stress Specified Tensile (90,000) psi	TYPE 2 Pass/ Fail
		in-lb	[mm]							
EL12D6	TJ6525	4	[12]	0.20	99,335	166%	75,000	Pass	90,000	Pass
EL12D6	TJ6526	4	[12]	0.20	99,995	167%	75,000	Pass	90,000	Pass
EL12D6	TJ6527	4	[12]	0.20	102,595	171%	75,000	Pass	90,000	Pass
EL16D6	TJ6368	5	[16]	0.31	107,577	179%	75,000	Pass	90,000	Pass
EL16D6	TJ6369	5	[16]	0.31	103,174	172%	75,000	Pass	90,000	Pass
EL16D6	TJ6370	5	[16]	0.31	104,381	174%	75,000	Pass	90,000	Pass
EL20D6	TJ6653	6	[20]	0.44	105,300	176%	75,000	Pass	90,000	Pass
EL20D6	TJ6654	6	[20]	0.44	107,327	179%	75,000	Pass	90,000	Pass
EL20D6	TJ6655	6	[20]	0.44	109,055	182%	75,000	Pass	90,000	Pass
EL22D6	TJ6511	7	[22]	0.60	108,703	181%	75,000	Pass	90,000	Pass
EL22D6	TJ6512	7	[22]	0.60	108,650	181%	75,000	Pass	90,000	Pass
EL22D6	TJ6513	7	[22]	0.60	112,285	187%	75,000	Pass	90,000	Pass
EL25D6	TJ6501	8	[25]	0.79	105,014	175%	75,000	Pass	90,000	Pass
EL25D6	TJ6502	8	[25]	0.79	104,790	175%	75,000	Pass	90,000	Pass
EL25D6	TJ6503	8	[25]	0.79	105,781	176%	75,000	Pass	90,000	Pass
EL28D6	TJ6925	9	[28]	1.00	105,655	176%	75,000	Pass	90,000	Pass
EL28D6	TJ6926	9	[28]	1.00	102,165	170%	75,000	Pass	90,000	Pass
EL28D6	TJ6927	9	[28]	1.00	103,568	173%	75,000	Pass	90,000	Pass
EL32D6	TJ6463	10	[32]	1.27	102,357	171%	75,000	Pass	90,000	Pass
EL32D6	TJ6464	10	[32]	1.27	102,293	170%	75,000	Pass	90,000	Pass
EL32D6	TJ6465	10	[32]	1.27	99,021	165%	75,000	Pass	90,000	Pass
EL36D6	TH6478	11	[36]	1.56	99,610	166%	75,000	Pass	90,000	Pass
EL36D6	TH6479	11	[36]	1.56	100,774	168%	75,000	Pass	90,000	Pass
EL36D6	TH6480	11	[36]	1.56	97,646	163%	75,000	Pass	90,000	Pass
EL43TD6	TJ6491	14	[43]	2.25	104,648	174%	75,000	Pass	90,000	Pass
EL43TD6	TJ6492	14	[43]	2.25	104,980	175%	75,000	Pass	90,000	Pass
EL43TD6	TJ6493	14	[43]	2.25	104,368	174%	75,000	Pass	90,000	Pass
EL57TD6	TJ6980	18	[57]	4.00	100,584	168%	75,000	Pass	90,000	Pass
EL57TD6	TJ6981	18	[57]	4.00	98,125	164%	75,000	Pass	90,000	Pass
EL57TD6	TJ6982	18	[57]	4.00	100,804	168%	75,000	Pass	90,000	Pass

Table is a summary of STORK HERRON Independent Laboratory (now known as ELEMENT MATERIALS TECHNOLOGY) tests. Test reports are available upon request.

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WARNING:

- nVent products shall be installed and used only as indicated in nVent product instruction sheets and training materials. Instruction sheets are available at www.nVent.com and from your nVent customer service representative.
- nVent 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.
- All instructions must be completely followed to ensure proper and safe installation and performance.
- Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and/or death, and void your warranty.

The customer is responsible for:

- Conformance to all governing codes.
- 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.
- Using appropriate industry standard hardware as noted above.

SAFETY INSTRUCTIONS:


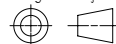
All governing codes and regulations and those required by the job site must be observed. Always use appropriate safety equipment such as eye protection, hard hat, and gloves as appropriate to the application.

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TECHNICAL SUPPORT:
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D	REBRANDING	1014907	29APR19	JLC	MNB	ADM	-	-	
REV	DESCRIPTION	ESN #	DATE	DRN	CHK	APP	QA	MFG	
Tolerance (Inch) Unless Noted Angular Tolerance: ±° Fractional Tolerance: ± Two Place Decimal: ± Three Place Decimal: ±					Third Angle Projection 				
Tolerance [mm] Unless Noted Angular Tolerance: ±° One Place Decimal: ± Two Place Decimal: ±		Title: LENTON TERMINATOR D6 - INDEPENDENT TEST DATA ASTM A615 GRADE 60							
B Size		SHT 1 Of 1		Scale None		DWG		CRSELD6	REV D

