



# Listing and Technical Evaluation Report™

Report No: 1801-02



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Subject to Renewal: July 1, 2025

# Use of FastenMaster® FrameFAST™ Structural Wood Screw Fasteners in Stud to Plate and Plate to Rim Board Applications

# Trade Secret Report Holder:

OMG® Inc. dba FastenMaster®

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# **CSI Designations:**

**DIVISION**: 06 00 00 - WOOD, PLASTICS AND COMPOSITES

Section: 06 05 23 - Wood, Plastic, and Composite Fastenings

#### 1 Innovative Product Evaluated<sup>1</sup>

1.1 FastenMaster FrameFAST Structural Wood Screw (FrameFAST Fasteners)

# 2 Product Description and Materials

2.1 The innovative product evaluated in this report is shown in **Figure 1**.

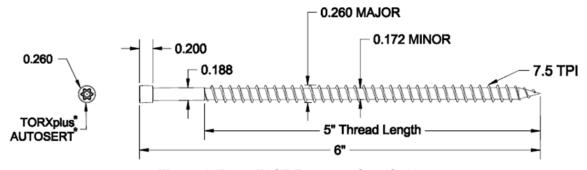


Figure 1. FrameFAST Fasteners Specification

- 2.2 FrameFAST Fasteners are manufactured with modified 10B21 carbon steel wire conforming to the manufacturer specifications and are coated with a proprietary finish.
- 2.3 FrameFAST Fasteners are manufactured using a standard cold-formed process followed by a heat-treating process.
- 2.4 FrameFAST Fasteners are approved for use in fire-retardant treated lumber, provided the conditions set forth by the fire-retardant treated lumber manufacturer be met, including appropriate strength reductions.
- 2.5 FrameFAST Fasteners are approved for use in interior and exterior conditions and in pressure-treated wood.

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- 2.6 In-plant quality control procedures, under which the FrameFAST Fasteners are manufactured, are audited through an inspection process performed by an approved agency.
- 2.7 The FrameFAST Fasteners evaluated in this report are designated as shown in **Table 1**.

Table 1. Fastener Specifications

Fastener	Fastener Designation	Length <sup>1</sup> (in)		Head (in)		Diameter (in)			Bending Yield	Allowable Fastener	
		Fastener	Thread	Dia- meter	Height	Shank	Minor (Root)	Major (Thread)	Strength <sup>2</sup> F <sub>yb</sub> (psi)	Strength <sup>2</sup> (lb)	
										Tensile	Shear
FrameFAST Fasteners	FMFF006	6	5	0.260	0.200	0.188	0.172	0.260	166,600	1,205	930

SI: 1" = 25.4 mm, 1 psi = 0.00689 MPa

- 1. Fastener length is measured from the top of the head to the tip. Thread length includes tapered tip (see Figure 1).
- 2. Bending yield, tension and shear values determined at minor root diameter.
- 2.8 As needed, review material properties for design in **Section 6** and to regulatory evaluation in **Section 8**.

#### 3 Definitions

- 3.1 New Materials<sup>2</sup> are defined as building materials, equipment, appliances, systems or methods of construction not provided for by prescriptive and/or legislatively adopted regulations, known as alternative materials.<sup>3</sup> The design strengths and permissible stresses shall be established by tests<sup>4</sup> and/or engineering analysis.<sup>5</sup>
- 3.2 <u>Duly authenticated reports</u><sup>6</sup> and <u>research reports</u><sup>7</sup> are test reports and related engineering evaluations, which are written by an <u>approved agency</u><sup>8</sup> and/or an <u>approved source</u>.<sup>9</sup>
  - 3.2.1 These reports contain intellectual property and/or trade secrets, which are protected by the <u>Defend Trade</u> Secrets Act (DTSA).<sup>10</sup>
- 3.3 An <u>approved agency</u> is "approved" when it is <u>ANAB ISO/IEC 17065 accredited</u>. DrJ Engineering, LLC (DrJ) is listed in the ANAB directory.
- 3.4 An <u>approved source</u> is "approved" when a professional engineer (i.e., <u>Registered Design Professional</u>) is properly licensed to transact engineering commerce. The regulatory authority governing approved sources is the <u>state legislature</u> via its professional engineering regulations.<sup>11</sup>
- 3.5 Testing and/or inspections conducted for this <u>duly authenticated report</u> were performed by an <u>ISO/IEC 17025</u> accredited testing laboratory, an <u>ISO/IEC 17020</u> accredited inspection body and/or a licensed <u>Registered</u> Design Professional (RDP).
  - 3.5.1 The Center for Building Innovation (CBI) is ANAB 12 ISO/IEC 17025 and ISO/IEC 17020 accredited.
- 3.6 The regulatory authority shall <u>enforce</u><sup>13</sup> the specific provisions of each legislatively adopted regulation. If there is a non-conformance, the specific regulatory section and language of the non-conformance shall be provided in <u>writing</u><sup>14</sup> stating the nonconformance and the path to its cure.
- 3.7 The regulatory authority shall accept <u>duly authenticated reports</u> from an <u>approved agency</u> and/or an <u>approved source</u> with respect to the quality and manner of use of new materials or assemblies as provided for in regulations regarding the use of alternative materials, designs, or methods of construction.<sup>15</sup>
- 3.8 ANAB is an International Accreditation Forum (IAF) Multilateral Recognition Arrangement (MLA) signatory where recognition of certificates, validation and verification statements issued by conformity assessment bodies accredited by all other signatories of the IAF MLA with the appropriate scope, shall be approved. Therefore, all ANAB ISO/IEC 17065 duly authenticated reports are approval equivalent. The signatory of the IAF MLA with the appropriate scope, shall be approved. Therefore, all ANAB ISO/IEC 17065 duly authenticated reports are approval equivalent.
- 3.9 Approval equity is a fundamental commercial and legal principle. 18





# 4 Applicable Standards for the Listing; Regulations for the Regulatory Evaluation<sup>19</sup>

- 4.1 Standards
  - 4.1.1 ANSI/AWC NDS: National Design Specification (NDS) for Wood Construction
  - 4.1.2 ASTM A153: Standard Specification for Zinc Coating (Hot-Dip) on Iron and Steel Hardware
  - 4.1.3 ASTM D1761: Standard Test Methods for Mechanical Fasteners in Wood
  - 4.1.4 ASTM D2395: Standard Test Methods for Density and Specific Gravity (Relative Density) of Wood and Wood-Based Materials
  - 4.1.5 ASTM D4442: Standard Test Methods for Direct Moisture Content Measurement of Wood and Wood-Based Materials
  - 4.1.6 ASTM F606: Standard Test Methods for Determining the Mechanical Properties of Externally and Internally Threaded Fasteners, Washers, Direct Tension Indicators, and Rivets
  - 4.1.7 ASTM F1575: Standard Test Method for Determining Bending Yield Moment of Nails
  - 4.1.8 AWC TR 12: General Dowel Equations for Calculating Lateral Connection Values
- 4.2 Regulations
  - 4.2.1 IBC 15, 18, 21: International Building Code®
  - 4.2.2 IRC 15, 18, 21: International Residential Code®
  - 4.2.3 FBC-B—20, 23: Florida Building Code Building<sup>20</sup> (FL21662)
  - 4.2.4 FBC-R—20, 23: Florida Building Code Residential<sup>20</sup> (FL21662)

## 5 Listed<sup>21</sup>

5.1 Equipment, materials, products or services included in a List published by a <u>nationally recognized testing laboratory</u> (i.e., CBI), <u>approved agency</u> (i.e., CBI and DrJ), and/or <u>approved source</u> (i.e., DrJ) or other organization concerned with product evaluation (i.e., DrJ) that maintains periodic inspection (i.e., CBI) of production of listed equipment or materials, and whose listing states either that the equipment or material meets nationally recognized standards or has been tested and found suitable for use in a specified manner.

#### 6 Tabulated Properties Generated from Nationally Recognized Standards

- 6.1 FrameFAST Fasteners are used to attach minimum 1½" wide wood studs to wall top and bottom plates, and to attach wall top and bottom plates to rim board in the construction of walls that meet the requirements of <a href="IBC">IBC</a> Section 2308 and <a href="IRC Section R602">IRC Section R602</a>. The fasteners provide resistance to uplift and/or lateral loads applied parallel and/or perpendicular to the wall or structural framing member.
  - 6.1.1 Walls shall consist of a single or double top plate designed in accordance with <u>IBC Section 2308.5.3.2</u> and <u>IRC Section R602.3.2</u>.
  - 6.1.2 See **Table 2** and **Table 3** for the design requirements and the FrameFAST Fasteners allowable design values.
  - 6.1.3 See **Section 9** for installation requirements.
  - 6.1.4 FrameFAST Fasteners are used in buildings requiring design in accordance with <u>IBC Section 1609</u> or wind analysis in accordance with <u>IRC Section R301.2.1</u>.
  - 6.1.5 FrameFAST Fasteners are used in buildings requiring design in accordance with <u>IBC Section 1613</u> or seismic analysis in accordance with IRC Section R301.2.2.
  - 6.1.6 Where the application exceeds the limitations set forth herein, design shall be permitted in accordance with accepted engineering procedures, experience and technical judgment.





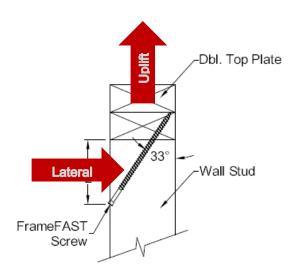
- 6.2 Design Concepts and Allowable Design Loads
  - 6.2.1 Allowable design loads are provided in **Table 2** and **Table 3** for FrameFAST Fasteners. Allowable design loads are applicable to fasteners installed in accordance with the procedures described in **Section 9**.
    - 6.2.1.1 Loading orientation is depicted in **Figure 2**.
  - 6.2.2 For stud to plate connections, allowable design loads are applicable for both single and double top plate applications as shown in **Figure 3**.
  - 6.2.3 For plate to rim board connections, allowable design loads are applicable for both single bottom plate with OSB subfloor to rim board applications, and to single or double top plate to blocking/rim board applications as shown in **Figure 3**.

Table 2. Allowable Design Values for FrameFAST Fasteners in Stud to Plate Configurations

	Allowable Design Value (lbf) <sup>1,2,3,4</sup>					
Lumber Species (Specific Gravity)	Load Orientation <sup>5</sup>					
	Uplift	Lateral				
SPF (0.42)	340	220				
DF-L (0.50)	560	360				
SP (0.55)	665	430				

#### SI: 1 lb = 4.45 N

- 1. For applications involving members with different specific gravities, use the allowable load corresponding to the lowest specific gravity.
- 2. Dimensional lumber members shall be minimum of 2" nominal thickness.
- 3. Design values are based on a load duration factor, C<sub>D</sub>, of 1.6. No further duration of load increases permitted. Reduced design values for other load durations as applicable.
- 4. Use a reduction factor of 0.80 when connecting each ply of multi-ply stud columns to the top plate.
- 5. See Figure 2 for clarification of load orientations and Figure 3 for installation details.



Side Elevation Stud to Dbl Top Plate

Figure 2. Allowable Design Value Load Orientations

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Table 3. Allowable Design Values of FrameFAST Fasteners in Plate to Rim Board Configurations

Load Direction		Allowable Design Value (lbf) <sup>1,2</sup>							
	Configuration	Rim Board Species (Specific Gravity or Equivalent Specific Gravity)							
		SPF (0.42)	DF-L (0.50)	SP (0.55)	1 <sup>1</sup> / <sub>8</sub> " OSB (0.50) <sup>5</sup>	1 <sup>1</sup> / <sub>4</sub> " LSL (0.46) <sup>3</sup>	1 <sup>1</sup> / <sub>4</sub> " LVL (0.47) <sup>3</sup>		
Uplift	Single Plate to Rim Board	210	245	325	195	165	110		
	Double Plate to Rim Board	475	590	595	360	610	570		
		SPF (0.42)	DF-L (0.50)	SP (0.55)	1 <sup>1</sup> / <sub>8</sub> " OSB (0.50) <sup>6</sup>	1 <sup>1</sup> / <sub>4</sub> " LSL (0.50) <sup>4</sup>	1 <sup>1</sup> / <sub>4</sub> " LVL (0.50) <sup>4</sup>		
Lateral	Single Plate to Rim Board	340	265	395	340	210	320		
	Double Plate to Rim Board	495	595	650	230	485	440		
	Double Plate to Blocking <sup>7</sup>	495	595	650	230	485	440		

SI: 1 lb = 4.45 N

- 1. For applications involving members with different specific gravities, G, use the allowable load corresponding to the lowest specific gravity. For EWP rim boards (i.e., OSB, LSL, LVL), the top/bottom plates shall be minimum SPF dimensional lumber. Dimensional lumber members shall be minimum of 2" nominal thickness.
- 2. Design values are based on a load duration factor, C<sub>D</sub>, of 1.6. No further duration of load increases permitted. Reduced design values for other load durations as applicable.
- 3. Equivalent specific gravity values are for withdrawal of nails or screws installed in edge.
- 4. Equivalent specific gravity values are dowel bearing of nails or screws installed in edge.
- 5. Equivalent specific gravity values are for withdrawal of nails installed in face.
- 6. Equivalent specific gravity values are dowel bearing of nails or screws installed in face.
- 7. See Figure 4 for blocking requirements.
  - 6.2.4 Where it is anticipated that loads will be applied to a single fastener simultaneously in more than one direction, additional evaluation is required to account for the combined effect of these loads using accepted engineering practice.
    - 6.2.4.1 When needed, consult a professional engineer for complex design conditions.
- 6.3 Where the application falls outside of the performance evaluation, conditions of use and/or installation requirements set forth herein, alternative techniques shall be permitted in accordance with accepted engineering practice and experience. This includes but is not limited to the following areas of engineering: mechanics or materials, structural, building science and fire science.

#### 7 Certified Performance<sup>22</sup>

- 7.1 All construction methods shall conform to accepted engineering practices to ensure durable, livable, and safe construction and shall demonstrate acceptable workmanship reflecting journeyman quality of work of the various trades.<sup>23</sup>
- 7.2 The strength and rigidity of the component parts and/or the integrated structure shall be determined by engineering analysis or by suitable load tests to simulate the actual loads and conditions of application that occur.<sup>24</sup>





# 8 Regulatory Evaluation and Accepted Engineering Practice

- 8.1 FrameFAST Fasteners comply with the following legislatively adopted regulations and/or accepted engineering practice for the following reasons:
  - 8.1.1 Uplift and lateral resistance in stud to plate connections in accordance with ASTM D1761
  - 8.1.2 Uplift and lateral resistance in plate to rim board connections in accordance with ASTM D1761
- 8.2 Any building code, regulation and/or accepted engineering evaluations (i.e., research reports, <u>duly</u> <u>authenticated reports</u>, etc.) that are conducted for this Listing were performed by DrJ Engineering, LLC (DrJ), an <u>ISO/IEC 17065 accredited certification body</u> and a professional engineering company operated by <u>RDP/approved sources</u>. DrJ is qualified<sup>25</sup> to practice product and regulatory compliance services within its scope of accreditation and engineering expertise, respectively.
- 8.3 Engineering evaluations are conducted with DrJ's ANAB <u>accredited ICS code scope</u> of expertise, which are also its areas of professional engineering competence.
- 8.4 Any regulation specific issues not addressed in this section are outside the scope of this report.

#### 9 Installation

- 9.1 Installation shall comply with the approved construction documents, the manufacturer installation instructions, this report and the applicable building code.
- 9.2 In the event of a conflict between the manufacturer installation instructions and this report, the more restrictive shall govern.
- 9.3 Installation Procedure

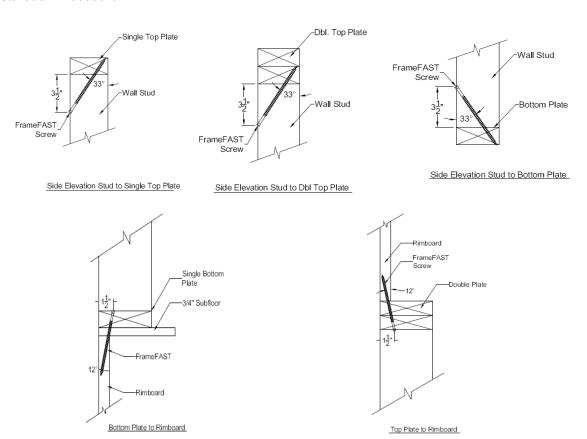


Figure 3. Installation of FrameFAST Fasteners for Specific Applications

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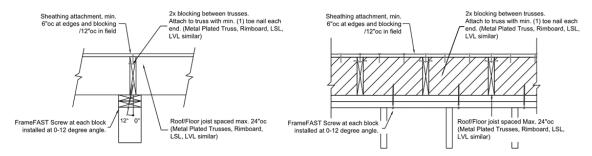


Figure 4. Section Views of FrameFAST Fasteners with Blocking

- 9.3.1 Select one of the 6" FrameFAST Fasteners to fully embed the fastener into the top plate, blocking and rim board as shown in **Figure 3** and **Figure 4**.
  - 9.3.1.1 Stud to Plate Connection:
    - 9.3.1.1.1 Install one (1) of the FrameFAST Fasteners upward (or downward) through the center of the stud and into the plate. Install at a  $25^{\circ}$   $35^{\circ}$  angle (optimal angle =  $33^{\circ}$ ) and penetrate the wood stud  $3^{1}/2^{\circ}$  down from top of stud and within  $1/4^{\circ}$  of the centerline (see **Figure 3**).
  - 9.3.1.2 Plate to Rim Connection:
    - 9.3.1.2.1 Install one (1) of the FrameFAST Fasteners upward (or downward) at a 0° 12° angle (optimal angle = 12°), 1¹/₂" from outside face of wall, through the plates, and into the rim (see **Figure 3** and **Figure 4**).
  - 9.3.1.3 Plate to Blocking Connection:
    - 9.3.1.3.1 Install one (1) of the FrameFAST Fasteners upward (or downward) at a 0° 12° angle (optimal angle = 12°), 11/2" from outside face of wall, through the plates and into the blocking (see **Figure 3** and **Figure 4**).
  - 9.3.1.4 Plate to Rim/Blocking Connection:
    - 9.3.1.4.1 Minimum required spacing and end distance of FrameFAST Fasteners is 4" o.c (See **Figure 5**). Minimum edge and end distances are per **Figure 3**.

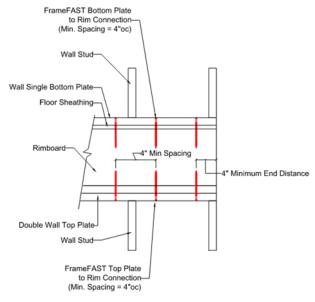


Figure 5. Minimum Spacing and End Distance of FrameFAST Fasteners Plate to Rim/Blocking Connection

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9.3.2 Use a ½" low-RPM/high-torque drill to drive the fastener head flush with the surface of the wall framing or wood structural framing member.

# 10 Substantiating Data

- 10.1 Testing has been performed under the supervision of a professional engineer and/or under the requirements of ISO/IEC 17025 as follows:
  - 10.1.1 Uplift and lateral resistance in stud to plate connections in accordance with ASTM D1761
  - 10.1.2 Uplift and lateral resistance in plate to rim board connections in accordance with ASTM D1761
- 10.2 Information contained herein may include the result of testing and/or data analysis by sources that are approved agencies, approved sources and/or RDPs. Accuracy of external test data and resulting analysis is relied upon.
- 10.3 Where applicable, testing and/or engineering analysis are based upon provisions that have been codified into law through state or local adoption of regulations and standards. The developers of these regulations and standards are responsible for the reliability of published content. DrJ's engineering practice may use a regulation-adopted provision as the control. A regulation-endorsed control versus a simulation of the conditions of application to occur establishes a new material as <a href="mailto:being equivalent">being equivalent</a> to the regulatory provision in terms of quality, strength, effectiveness, fire resistance, durability and safety.
- 10.4 The accuracy of the provisions provided herein may be reliant upon the published properties of raw materials, which are defined by the grade mark, grade stamp, mill certificate or <u>duly authenticated reports</u> from <u>approved agencies</u> and/or <u>approved sources</u> provided by the supplier. These are presumed to be minimum properties and relied upon to be accurate. The reliability of DrJ's engineering practice, as contained in this <u>duly</u> authenticated report, may be dependent upon published design properties by others.
- 10.5 Testing and engineering analysis: The strength, rigidity, and/or general performance of component parts and/or the integrated structure are determined by suitable tests that simulate the actual conditions of application that occur and/or by accepted engineering practice and experience.<sup>26</sup>
- 10.6 Where additional condition of use and/or regulatory compliance information is required, please search for FrameFAST Fasteners on the DrJ Certification website.

# 11 Findings

- 11.1 As outlined in **Section 6**, FrameFAST Fasteners have performance characteristics that were tested and/or meet applicable regulations and are suitable for use pursuant to its specified purpose.
- 11.2 When used and installed in accordance with this <u>duly authenticated report</u> and the manufacturer installation instructions, FrameFAST Fasteners shall be approved for the following applications:
  - 11.2.1 To provide resistance to lateral loads due to wind or seismic loads applied parallel or perpendicular to the wall in plate to rim board and plate to blocking applications per **Table 3**.
  - 11.2.2 Provide uplift resistance for all configurations considered per **Table 3**.
  - 11.2.3 Fasten wall studs to single or double plate per **Table 2**.
  - 11.2.4 Fasten double or single plate to blocking/rim board per **Table 3**.
- 11.3 Unless exempt by state statute, when FrameFAST Fasteners are to be used as a structural and/or building envelope component in the design of a specific building, the design shall be performed by an RDP.
- 11.4 Any application specific issues not addressed herein, including consideration of the complete load path, can be engineered by an RDP. Assistance with engineering is available from FastenMaster.





11.5 IBC Section 104.11 (IRC Section R104.11 and IFC Section 104.10<sup>27</sup> are similar) in pertinent part states:

**104.11** Alternative materials, design and methods of construction and equipment. The provisions of this code are not intended to prevent the installation of any material or to prohibit any design or method of construction not specifically prescribed by this code. Where the alternative material, design or method of construction is not approved, the building official shall respond in writing, stating the reasons the alternative was not approved.

- 11.6 Approved:<sup>28</sup> Building regulations require that the building official shall accept duly authenticated reports.<sup>29</sup>
  - 11.6.1 An approved agency is "approved" when it is ANAB ISO/IEC 17065 accredited.
  - 11.6.2 An <u>approved source</u> is "approved" when an <u>RDP</u> is properly licensed to transact engineering commerce.
  - 11.6.3 Federal law, <u>Title 18 US Code Section 242</u>, requires that where the alternative product, material, service, design, assembly and/or method of construction is not approved, the building official shall respond in writing, stating the reasons why the alternative was not approved. Denial without written reason deprives a protected right to free and fair competition in the marketplace.
- 11.7 DrJ is a licensed engineering company, employs licensed <u>RDP</u>s and is an <u>ANAB-Accredited Product</u> <u>Certification Body Accreditation #1131</u>. Douglas Consultants inc. has collaborated with DrJ through the review of test results and analysis methods as they affect the character of this engineering evaluation and conformity to the standards and regulations listed in Section 4.
- 11.8 Through the <u>IAF Multilateral Agreements</u> (MLA), this <u>duly authenticated report</u> can be used to obtain product approval in any <u>jurisdiction</u> or <u>country</u> because all ANAB ISO/IEC 17065 <u>duly authenticated reports</u> are equivalent.<sup>30</sup>

## 12 Conditions of Use

- 12.1 Material properties shall not fall outside the boundaries defined in **Section 6**.
- 12.2 As defined in **Section 6**, where material and/or engineering mechanics properties are created for load resisting design purposes, the resistance to the applied load shall not exceed the ability of the defined properties to resist those loads using the principles of accepted engineering practice.
- 12.3 Loads applied shall not exceed those recommended by the manufacturer or as defined in this report.
- 12.4 The FrameFAST Fasteners covered in this report shall be installed in accordance with this report and the manufacturer installation instructions.
  - 12.4.1 For conditions not covered in this report, connections shall be designed in accordance with accepted engineering practice.
- 12.5 Structural framing members connected with FrameFAST Fasteners shall be designed in accordance with the requirements of their specific design standards/specifications as referenced in the building code adopted by the authority having jurisdiction (AHJ) in which the project is to be constructed.
- 12.6 When required by adopted legislation and enforced by the <u>building official</u>, also known as the authority having jurisdiction (AHJ) where the project is to be constructed:
  - 12.6.1 Any calculations incorporated into the construction documents shall conform to accepted engineering practice and, when prepared by an <u>approved source</u>, shall be approved when signed and sealed.
  - 12.6.2 This report and the installation instructions shall be submitted at the time of permit application.
  - 12.6.3 This innovative product has an internal quality control program and a third-party quality assurance program.
  - 12.6.4 At a minimum, this innovative product shall be installed per **Section 9** of this report.
  - 12.6.5 The review of this report by the AHJ shall comply with IBC Section 104 and IBC Section 105.4.





- 12.6.6 This innovative product has an internal quality control program and a third party quality assurance program in accordance with <a href="IBC Section 104.4">IBC Section 104.4</a>, <a href="IBC Section 104.4">IBC Section 1703</a>, <a href="IRC Section R104.4">IRC Section R104.4</a> and <a href="IRC Section R109.2">IRC Section R104.4</a> and <a href="IRC Section R109.2">IRC Section R109.2</a>.
- 12.6.7 The application of this innovative product in the context of this report is dependent upon the accuracy of the construction documents, implementation of installation instructions, inspection as required by <a href="IBC Section 10.3">IBC Section R109.2</a> and any other regulatory requirements that may apply.
- 12.7 The approval of this report by the AHJ shall comply with <u>IBC Section 1707.1</u>, where legislation states in part, "the <u>building official</u> shall accept duly authenticated reports from <u>approved agencies</u> in respect to the quality and manner of <u>use</u> of new material or assemblies as provided for in <u>Section 104.11</u>," all of <u>IBC Section 104</u>, and IBC Section 105.4.
- 12.8 <u>Design loads</u> shall be determined in accordance with the regulations adopted by the <u>jurisdiction</u> in which the project is to be constructed and/or by the building designer (i.e., owner or RDP).
- 12.9 The actual design, suitability, and use of this report for any particular building, is the responsibility of the <u>owner</u> or the authorized agent of the owner.

#### 13 Identification

- 13.1 The innovative product listed in **Section 1.1** is identified by a label on the board or packaging material bearing the manufacturer name, product name, this report number and other information to confirm code compliance.
- 13.2 Additional technical information can be found at www.fastenmaster.com.

#### 14 Review Schedule

- 14.1 This report is subject to periodic review and revision. For the latest version, visit dricertification.org.
- 14.2 For information on the status of this report, please contact <u>DrJ Certification</u>.

#### 15 Approved for Use Pursuant to U.S. and International Legislation Defined in Appendix A

15.1 FastenMaster FrameFAST Structural Wood Screw (FrameFAST Fasteners) are included in this report published by an approved agency that is concerned with evaluation of products or services, maintains periodic inspection of the production of listed materials or periodic evaluation of services. This report states either that the material, product or service meets recognized standards or has been tested and found suitable for a specified purpose. This report meets the legislative intent and definition of being acceptable to the AHJ.





# Appendix A

# 1 Legislation that Authorizes AHJ Approval

- 1.1 **Fair Competition**: <u>State legislatures</u> have adopted Federal regulations for the examination and approval of building code referenced and alternative products, materials, designs, services, assemblies and/or methods of construction that:
  - 1.1.1 Advance innovation
  - 1.1.2 Promote competition so all businesses have the opportunity to compete on price and quality in an open market on a level playing field unhampered by anticompetitive constraints
  - 1.1.3 Benefit consumers through lower prices, better quality, and greater choice
- 1.2 **Adopted Legislation**: The following local, state and federal regulations affirmatively authorize this innovative product to be approved by AHJs, delegates of building departments and/or delegates of an agency of the federal government:
  - 1.2.1 Interstate commerce is governed by the <u>Federal Department of Justice</u> to encourage the use of innovative products, materials, designs, services, assemblies, and/or methods of construction. The goal is to "protect economic freedom and opportunity by promoting free and fair competition in the marketplace."
  - 1.2.2 <u>Title 18 US Code Section 242</u> affirms and regulates the right of individuals and businesses to freely and fairly have new products, materials, designs, services, assemblies and/or methods of construction approved for use in commerce. Disapproval of alternatives shall be based upon non-conformance with respect to specific provisions of adopted legislation and shall be provided in writing <u>stating the reasons why the alternative was not approved</u>, with reference to the specific legislation violated.
  - 1.2.3 The <u>federal government</u> and each state have a <u>public records act</u>. In addition, each state also has legislation that mimics the federal <u>Defend Trade Secrets Act 2016</u> (DTSA),<sup>31</sup> where providing test reports, engineering analysis and/or other related IP/TS is subject to <u>prison of not more than ten years</u><sup>32</sup> and/or a \$5,000,000 fine or 3 times the value of<sup>33</sup> the Intellectual Property (IP) and Trade Secrets (TS).
    - 1.2.3.1 Compliance with public records and trade secret legislation requires approval through the use of <a href="Listings"><u>Listings</u></a>, certified reports, <u>Technical Evaluation Reports</u>, <u>duly authenticated reports</u> and/or <u>research reports</u> prepared by <u>approved agencies</u> and/or <u>approved sources</u>.
  - 1.2.4 For <u>new materials</u><sup>34</sup> that are not specifically provided for in any regulation, the <u>design strengths and</u> <u>permissible stresses</u> shall be established by <u>tests</u>, where <u>suitable load tests simulate the actual loads and</u> conditions of application that occur.
  - 1.2.5 The <u>design strengths and permissible stresses</u> of any structural material shall <u>conform</u> to the specifications and methods of design using accepted engineering practice.<sup>35</sup>
  - 1.2.6 The commerce of <u>approved sources</u> (i.e., registered PEs) is regulated by <u>professional engineering</u> <u>legislation</u>. Professional engineering <u>commerce shall always be approved</u> by AHJs, except where there is evidence provided in writing, that specific legislation have been violated by an individual registered PE.
  - 1.2.7 The AHJ shall accept <u>duly authenticated reports</u> from <u>approved agencies</u> in respect to the quality and manner of use of new materials or assemblies as provided for in IBC Section 104.11.<sup>36</sup>





- 1.3 Approved<sup>37</sup> by Los Angeles: The Los Angeles Municipal Code (LAMC) states in pertinent part that the provisions of LAMC are not intended to prevent the use of any material, device or method of construction not specifically prescribed by LAMC. The Department shall use Part III, Recognized Standards in addition to Part II, Uniform Building Code Standards of Division 35, Article 1, Chapter IX of the LAMC in evaluation of products for approval where such standard exists for the product or the material and may use other approved standards that apply. Whenever tests or certificates of any material or fabricated assembly are required by Chapter IX of the LAMC, such tests or certification shall be made by a testing agency approved by the Superintendent of Building to conduct such tests or provide such certifications. The testing agency shall publish the scope and limitation(s) of the listed material or fabricated assembly.<sup>38</sup> The Superintendent of Building Approved Testing Agency Roster is provided by the Los Angeles Department of Building and Safety (LADBS). The Center for Building Innovation (CBI) Certificate of Approval License is TA24945. Tests and certifications found in a DrJ Listing are LAMC approved. In addition, the Superintendent of Building shall accept duly authenticated reports from approved agencies in respect to the quality and manner of use of new materials or assemblies as provided for in the California Building Code (CBC) Section 1707.1.<sup>39</sup>
- 1.4 Approved by Chicago: The Municipal Code of Chicago (MCC) states in pertinent part that an Approved Agency is a Nationally Recognized Testing Laboratory (NRTL) acting within its recognized scope and/or a certification body accredited by the American National Standards Institute (ANSI) acting within its accredited scope. Construction materials and test procedures shall conform to the applicable standards listed in the MCC. Sufficient technical data shall be submitted to the building official to substantiate the proposed use of any product, material, service, design, assembly and/or method of construction not specifically provided for in the MCC. This technical data shall consist of research reports from approved sources (i.e., MCC defined Approved Agencies).
- 1.5 **Approved by New York City**: The 2022 NYC Building Code (NYCBC) states in part that an <u>approved agency</u> shall be deemed<sup>40</sup> an approved testing agency via <u>ISO/IEC 17025 accreditation</u>, an approved inspection agency via <u>ISO/IEC 17020 accreditation</u>, and an approved product evaluation agency via <u>ISO/IEC 17065</u> <u>accreditation</u>. Accrediting agencies, other than federal agencies, must be members of an internationally recognized cooperation of laboratory and inspection accreditation bodies subject to a mutual recognition agreement<sup>41</sup> (i.e., ANAB, International Accreditation Forum also known as IAF, etc.).
- 1.6 **Approved by Florida**: <u>Statewide approval</u> of products, methods or systems of construction shall be approved, without further evaluation by:
  - 1.6.1 A certification mark or listing of an approved certification agency,
  - 1.6.2 A test report from an approved testing laboratory,
  - 1.6.3 A product evaluation report based upon testing or comparative or rational analysis, or a combination thereof, from an approved product evaluation entity, or
  - 1.6.4 A product evaluation report based upon testing, comparative or rational analysis, or a combination thereof, developed, signed and sealed by a professional engineer or architect, licensed in Florida.
  - 1.6.5 For local product approval, products or systems of construction shall demonstrate compliance with the structural wind load requirements of the Florida Building Code (FBC) through one of the following methods:
    - 1.6.5.1 A certification mark, listing or label from a commission-approved certification agency indicating that the product complies with the code,
    - 1.6.5.2 A test report from a commission-approved testing laboratory indicating that the product tested complies with the code,
    - 1.6.5.3 A product-evaluation report based upon testing, comparative or rational analysis, or a combination thereof, from a commission-approved product evaluation entity which indicates that the product evaluated complies with the code,





- 1.6.5.4 A product-evaluation report or certification based upon testing or comparative or rational analysis, or a combination thereof, developed and signed and sealed by a Florida professional engineer or Florida registered architect, which indicates that the product complies with the code, or
- 1.6.5.5 A statewide product approval issued by the Florida Building Commission.
- 1.6.6 The <u>Florida Department of Business and Professional Regulation</u> (DBPR) website provides a listing of companies certified as a <u>Product Evaluation Agency</u> (i.e., EVLMiami 13692), a <u>Product Certification Agency</u> (i.e., CER10642), and as a <u>Florida Registered Engineer</u> (i.e., ANE13741).
- 1.7 **Approved by Miami-Dade County (i.e., Notice of Acceptance [NOA])**: A Florida statewide approval is an NOA. An NOA is a Florida local product approval. By Florida law, Miami-Dade County shall accept the statewide and local Florida Product Approval as provided for in Florida legislation 553.842 and 553.8425.
- 1.8 **Approved by New Jersey**: Pursuant to the 2018 Building Code of New Jersey in <u>IBC Section 1707.1</u>

  <u>General</u>, <sup>42</sup> it states: "In the absence of approved rules or other approved standards, the building official shall accept duly authenticated reports from <u>approved agencies</u> in respect to the quality and manner of use of new materials or assemblies as provided for in the administrative provisions of the Uniform Construction Code (<u>N.J.A.C. 5:23</u>)". <sup>43</sup> Furthermore N.J.A.C 5:23-3.7 states: "Municipal approvals of alternative materials, equipment, or methods of construction."
  - 1.8.1 **Approvals**: Alternative materials, equipment or methods of construction shall be approved by the appropriate subcode official provided the proposed design is satisfactory and that the materials, equipment or methods of construction are suitable for the intended use and are at least the equivalent in quality, strength, effectiveness, fire resistance, durability and safety of those conforming with the requirements of the regulations.
    - 1.8.1.1 A field evaluation label and report or letter issued by a nationally recognized testing laboratory verifying that the specific material, equipment or method of construction meets the identified standards or has been tested and found to be suitable for the intended use, shall be accepted by the appropriate subcode official as meeting the requirements of the above.
    - 1.8.1.2 Reports of engineering findings issued by nationally recognized evaluation service programs such as but not limited to, the Building Officials and Code Administrators (BOCA), the International Conference of Building Officials (ICBO), the Southern Building Code Congress International (SBCCI), the International Code Council (ICC), and the National Evaluation Service, Inc., shall be accepted by the appropriate subcode official as meeting the requirements of the above.
  - 1.8.2 The New Jersey Department of Community Affairs has confirmed that technical evaluation reports, from any accredited entity listed by ANAB, meets the requirements of item the previous paragraph, given that the listed entities are no longer in existence and/or do not provide "reports of engineering findings."
- 1.9 Approved by the Code of Federal Regulations Manufactured Home Construction and Safety Standards: Pursuant to Title 24, Subtitle B, Chapter XX, Part 3282.14 and Part 3280,45 the Department encourages innovation and the use of new technology in manufactured homes. The design and construction of a manufactured home shall conform to the provisions of Part 3282 and Part 3280 where key approval provisions in mandatory language follow:
  - 1.9.1 "All construction methods shall be in conformance with accepted engineering practices."
  - 1.9.2 "The strength and rigidity of the component parts and/or the integrated structure shall be determined by engineering analysis or by suitable load tests to simulate the actual loads and conditions of application that occur."
  - 1.9.3 "The design stresses of all materials shall conform to accepted engineering practice."





- 1.10 **Approval by US, Local and State Jurisdictions in General**: In all other local and state jurisdictions, the adopted building code legislation states in pertinent part that:
  - 1.10.1 For <u>new materials</u> that are not specifically provided for in this code, the <u>design strengths and permissible</u> stresses shall be established by tests.<sup>46</sup>
  - 1.10.2 For innovative <u>alternatives</u> and/or methods of construction, the building official shall accept <u>duly</u> <u>authenticated reports</u> from <u>approved agencies</u> with respect to the quality and manner of use of <u>new</u> materials or assemblies.<sup>47</sup>
    - 1.10.2.1 An <u>approved agency</u> is "approved" when it is <u>ANAB ISO/IEC 17065 accredited</u>. DrJ Engineering, LLC (DrJ) is in the ANAB directory.
    - 1.10.2.2 An <u>approved source</u> is "approved" when an <u>RDP</u> is properly licensed to transact engineering commerce. The regulatory authority governing approved sources is the <u>state legislature</u> via its professional engineering regulations.<sup>48</sup>
  - 1.10.3 The <u>design strengths and permissible stresses</u> of any structural material...shall conform to the specifications and methods of design of accepted engineering practice performed by an <u>approved</u> source.<sup>49</sup>
- 1.11 **Approval by International Jurisdictions**: The <u>USMCA</u> and <u>GATT</u> agreements provide for approval of innovative materials, designs, services, and/or methods of construction through the <u>Agreement on Technical Barriers to Trade</u> and the <u>IAF Multilateral Recognition Arrangement</u> (MLA), where these agreements:
  - 1.11.1 State that <u>conformity assessment procedures</u> (i.e., ISO/IEC 17020, 17025, 17065, etc.) are prepared, adopted, and applied so as to grant access for suppliers of like products originating in the territories of other Members under conditions no less favourable than those accorded to suppliers of like products of national origin or originating in any other country, in a comparable situation.
  - 1.11.2 **Approved**: The <u>purpose of the MLA</u> is to ensure mutual recognition of accredited certification and validation/verification statements between signatories to the MLA and subsequently, acceptance of accredited certification and validation/verification statements in many markets based on one accreditation for the timely approval of innovative materials, designs, services, and/or methods of construction.
  - 1.11.3 ANAB is an <u>IAF-MLA</u> signatory where recognition of certificates, validation, and verification statements issued by conformity assessment bodies accredited by all other signatories of the IAF MLA, with the appropriate scope, shall be approved.<sup>50</sup>
  - 1.11.4 Therefore, all ANAB ISO/IEC 17065 duly authenticated reports are approval equivalent.<sup>51</sup>
- 1.12 Approval equity is a fundamental commercial and legal principle. 52





Issue Date: December 29, 2020

Subject to Renewal: July 1, 2025

# **FBC Supplement to Report Number 1801-02**

REPORT HOLDER: FastenMaster

# 1 Evaluation Subject

1.1 FastenMaster FrameFAST Structural Wood Screw (FrameFAST Fasteners)

# 2 Purpose and Scope

- 2.1 Purpose
  - 2.1.1 The purpose of this Report Supplement is to show FrameFAST Fasteners, recognized in Report Number 1801-02, have also been evaluated for compliance with the codes listed below as adopted by the Florida Building Commission.
- 2.2 Applicable Code Editions
  - 2.2.1 FBC-B—20, 23: Florida Building Code Building (FL21662)
  - 2.2.2 FBC-R—20, 23: Florida Building Code Residential (FL21662)

#### 3 Conclusions

- 3.1 FrameFAST Fasteners, described in Report Number 1801-02, comply with the FBC-B and FBC-R and are subject to the conditions of use described in this supplement.
- 3.2 Where there are variations between the IBC and IRC and the FBC-B and FBC-R applicable to this report, they are listed here:
  - 3.2.1 FBC-B Section 104.4, Section 110.4 and Section 1613 are reserved.
  - 3.2.2 FBC-R Section R104, Section R109 and Section R301.2.2 are reserved.
  - 3.2.3 FBC-B Section 2308 is reserved and replaces IBC Section 2308.5.3.2.
  - 3.2.4 FBC-R Section R301.2.1 replaces IRC Section R301.2.1.
  - 3.2.5 FBC-R Section R602 replaces IRC Section R602.
  - 3.2.6 FBC-R Section R602.3.2 is reserved and replaces IRC Section R602.3.2.

## 4 Conditions of Use

- 4.1 FrameFAST Fasteners, described in Report Number 1801-02, must comply with all of the following conditions:
  - 4.1.1 All applicable sections in Report Number 1801-02.
  - 4.1.2 The design, installation, and inspections are in accordance with additional requirements of FBC-B Chapter 16 and Chapter 17, as applicable.





# **Notes**

- For more information, visit drjcertification.org or call us at 608-310-6748.
- https://up.codes/viewer/wyoming/ibc-2021/chapter/17/special-inspections-and-tests#1702
- Alternative Materials, Design and Methods of Construction and Equipment: The provisions of any regulation code are not intended to prevent the installation of any material or to prohibit any design or method of construction not specifically prescribed by a regulation. Please review <a href="https://www.justice.gov/atr/mission and https://up.codes/viewer/colorado/ibc-2021/chapter/1/scope-and-administration#104.11">https://up.codes/viewer/colorado/ibc-2021/chapter/1/scope-and-administration#104.11</a>
- 4 https://up.codes/viewer/wyoming/ibc-2021/chapter/17/special-inspections-and-tests#1706:~:text=the%20design%20strengths%20and%20permissible%20stresses%20shall%20be%20established%20by%20tests%20as
- The design strengths and permissible stresses of any structural material shall conform to the specifications and methods of design of accepted engineering practice. https://up.codes/viewer/wyoming/ibc-2021/chapter/17/special-inspections-and-tests#1706:~:text=shall%20conform%20to%20the%20specifications%20and%20methods%20of%20design%20of%20accepted%20engineering%20practice
- https://up.codes/viewer/wyoming/ibc-2021/chapter/17/special-inspections-and
  - tests#1707.1:~:text=the%20building%20official%20shall%20accept%20duly%20authenticated%20reports%20from%20approved%20agencies
- https://up.codes/viewer/wyoming/ibc-2021/chapter/17/special-inspections-and-tests#1703.4.2
- 8 https://up.codes/viewer/wyoming/ibc-2021/chapter/2/definitions#approved\_agency
- https://up.codes/viewer/wyoming/ibc-2021/chapter/2/definitions#approved\_source
- https://www.law.cornell.edu/uscode/text/18/1832 (b) Any organization that commits any offense described in subsection (a) shall be fined not more than the greater of \$5,000,000 or 3 times the value of the stolen trade secret to the organization, including expenses for research and design and other costs of reproducing the trade secret that the organization has thereby avoided. The federal government and each state have a public records act. To follow DTSA and comply state public records and trade secret legislation requires approval through ANAB ISO/IEC 17065 accredited certification bodies or approved sources. For more information, please review this website: Intellectual Property and Trade Secrets.
- https://www.nspe.org/resources/issues-and-advocacy/professional-policies-and-position-statements/regulation-professional AND https://apassociation.org/list-of-engineering-boards-in-each-state-archive/
- 12 https://www.cbitest.com/accreditation/
- 13 https://up.codes/viewer/colorado/ibc-2021/chapter/1/scope-and-administration#104:~:text=to%20enforce%20the%20provisions%20of%20this%20code
- https://up.codes/viewer/colorado/ibc-2021/chapter/1/scope-and
  - administration#104.11:~:text=Where%20the%20alternative%20material%2C%20design%20or%20method%20of%20construction%20is%20not%20approved%2C%20the%20building%20official%20shall%20respond%20in%20writing%2C%20stating%20the%20reasons%20why%20the%20alternative%20was%20not%20approved AND https://up.codes/viewer/colorado/ibc-2021/chapter/1/scope-and-
  - administration#105.3.1:~:text=If%20the%20application%20or%20the%20construction%20documents%20do%20not%20conform%20to%20the%20requirements%20of%20pertinent%20laws%2C%20the%20building%20official%20shall%20reject%20such%20application%20in%20writing%2C%20stating%20the%20reasons%20therefore
- https://up.codes/viewer/colorado/ibc-2021/chapter/17/special-inspections-and
  - tests#1707.1:~:text=the%20building%20official%20shall%20accept%20duly%20authenticated%20reports%20from%20approved%20agencies%20in%20respect%20to%20the%20guality%20and%20manner%20of%20use%20of%20new%20materials%20or%20assemblies%20as%20provided%20for%20in%20Section%20104.11
- https://iaf.nu/en/about-iaf
  - mla/#:~:text=it%20is%20required%20to%20recognise%20certificates%20and%20validation%20and%20verification%20statements%20issued%20by%20conformity%20assessmen t%20bodies%20accredited%20by%20all%20other%20signatories%20ot%20the%20IAF%20MLA%2C%20with%20the%20appropriate%20scope
- True for all ANAB accredited product evaluation agencies and all International Trade Agreements.
- https://www.justice.gov/crt/deprivation-rights-under-color-law AND https://www.justice.gov/atr/mission
- Unless otherwise noted, all references in this Listing are from the 2021 version of the codes and the standards referenced therein. This material, product, design, service and/or method of construction also complies with the 2000-2021 versions of the referenced codes and the standards referenced therein.
- 20 All references to the FBC-B and FBC-R are the same as the 2021 IBC and 2021 IRC unless otherwise noted in the Florida Supplement at the end of this report.
- https://www.ecfr.gov/current/title-24/subtitle-B/chapter-XX/part-3280#p-3280.2(Listed%20or%20certified); https://up.codes/viewer/colorado/ibc-2021/chapter/2/definitions#listed AND https://up.codes/viewer/colorado/ibc-2021/chapter/2/definitions#labeled
- 22 https://up.codes/viewer/colorado/ibc-2021/chapter/17/special-inspections-and-tests#1703.4
- https://www.ecfr.gov/current/title-24/subtitle-B/chapter-XX/part-
  - 3280#:~:text=All%20construction%20methods%20shall%20be%20in%20conformance%20with%20accepted%20engineering%20practices%20to%20insure%20durable%2C%20livable%2C%20and%20safe%20housing%20and%20shall%20demonstrate%20acceptable%20workmanship%20reflecting%20journeyman%20quality%20of%20work%20of%20the%20various%20trades
- 24 <a href="https://www.ecfr.gov/current/title-24/subtitle-B/chapter-XX/part-">https://www.ecfr.gov/current/title-24/subtitle-B/chapter-XX/part-</a>
  - 3280#:~:text=The%20strength%20and%20rigidity%20of%20the%20component%20parts%20and/or%20the%20integrated%20structure%20shall%20be%20determined%20by%20engineering%20analysis%20or%20by%20suitable%20load%20tests%20to%20simulate%20the%20actual%20loads%20and%20conditions%20of%20application%20that%20occur
- Qualification is performed by a legislatively defined <u>Accreditation Body</u>. <u>ANSI National Accreditation Board (ANAB)</u> is the largest independent accreditation body in North America and provides services in more than 75 countries. <u>DrJ</u> is an ANAB accredited <u>product certification body</u>.
- <sup>26</sup> See Code of Federal Regulations (CFR) <u>Title 24 Subtitle B Chapter XX Part 3280</u> for definition.
- 27 2018 IFC Section 104.9
- Approved is an adjective that modifies the noun after it. For example, Approved Agency means that the Agency is accepted officially as being suitable in a particular situation. This example conforms to IBC/IRC/IFC Section 201.4 where the building code authorizes sentences to have an ordinarily accepted meaning such as the context implies.
- https://up.codes/viewer/wyoming/ibc-2021/chapter/17/special-inspections-and-tests#1707.1





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- Multilateral approval is true for all ANAB accredited product evaluation agencies and all International Trade Agreements.
- 31 http://www.drjengineering.org/AppendixC AND https://www.drjcertification.org/cornell-2016-protection-trade-secrets
- https://www.law.cornell.edu/uscode/text/18/1832#:~:text=imprisoned%20not%20more%20than%2010%20years
- https://www.law.cornell.edu/uscode/text/18/1832#:~:text=Any%20organization%20that,has%20thereby%20avoided
- https://up.codes/viewer/wyoming/ibc-2021/chapter/17/special-inspections-and-tests#1706.2
- 35 IBC 2021, Section 1706.1 Conformance to Standards
- 36 IBC 2021, Section 1707 Alternative Test Procedure, 1707.1 General
- 37 See Section 11 for the distilled building code definition of Approved
- 38 Los Angeles Municipal Code, SEC. 98.0503. TESTING AGENCIES
- 39 https://up.codes/viewer/california/ca-building-code-2022/chapter/17/special-inspections-and-tests#1707.1
- New York City, The Rules of the City of New York, § 101-07 Approved Agencies
- New York City, The Rules of the City of New York, § 101-07 Approved Agencies
- https://up.codes/viewer/new\_jersey/ibc-2018/chapter/17/special-inspections-and-tests#1707.1
- 43 https://www.nj.gov/dca/divisions/codes/codreg/ucc.html
- https://www.ecfr.gov/current/title-24/subtitle-B/chapter-XX/part-3282/subpart-A/section-3282.14
- https://www.ecfr.gov/current/title-24/subtitle-B/chapter-XX/part-3280
- 46 IBC 2021, Section 1706 Design Strengths of Materials, 1706.2 New Materials. Adopted law pursuant to IBC model code language 1706.2.
- 47 IBC 2021, Section 1707 Alternative Test Procedure, 1707.1 General. Adopted law pursuant to IBC model code language 1707.1.
- 48 https://www.nspe.org/resources/issues-and-advocacy/professional-policies-and-position-statements/regulation-professional AND https://apassociation.org/list-of-engineering-boards-in-each-state-archive/
- 49 IBC 2021, Section 1706 Design Strengths of Materials, Section 1706.1 Conformance to Standards Adopted law pursuant to IBC model code language 1706.1.
- 50 https://iaf.nu/en/about-iaf-mla/#:~:text=it%20is%20required%20to%20recognise%20certificates%20and%20validation%20and%20verification%20statements%20issued%20by%20conformity%20assessmen t%20bodies%20accredited%20by%20all%20other%20signatories%20of%20the%20IAF%20MLA%2C%20with%20the%20appropriate%20scope
- 51 True for all ANAB accredited product evaluation agencies and all International Trade Agreements.
- 52 https://www.justice.gov/crt/deprivation-rights-under-color-law AND https://www.justice.gov/atr/mission