Miami-Dade County, Florida
DEPARTMENT OF REGULATORY AND ECONMIC RESOURCES
BOARD AND CODE ADMINISTRATION DIVISON
PRODUCT CONTROL SECTION
11805 S.W. 26 Street-Room 208
Miami, Florida 33175-2474
T (786) 315-2590 Fax (786) 315-2599

Laboratory Certificate

This certifies that PFS Corporation dba PFS Teco located at 5250 Highbanks Road, Suite 200, Springfield, OR 97478 is an approved Testing Laboratory in accordance with Miami-Dade County Department of Regulatory and Economic Resources and Protocol TAS301-94, and is Certified to perform the following tests:

International Accreditation Service
Certificate TL-207

Results of the above mentioned test shall be properly submitted to the Miami-Dade County Department of Regulatory and Economic Resources per TAS301-94, along with all other documentation required for the approval of products. Approved engineer(s) for this laboratory:

David Franklin Impson, P.E.

This Certification and Registration Approved: **June 15, 2023**
This Certification and Registration Expires : **June 15, 2028**

Certification No. : **23-0518.02**

Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
Product Control Section

Americo Segura, M.S., CGC
Quality Assurance Unit Supervisor
Product Control Section

The Miami-Dade County Department of Regulatory and Economic Resources reserves the right to remove this certification for non-compliance with rules and regulations as set by Protocol TAS301-94.

CERTIFICATE OF ACCREDITATION

This is to attest that

PFS CORPORATION DBA PFS TECO

5250 HIGHBANKS ROAD, SUITE 200
SPRINGFIELD, OREGON 97478, U.S.A.

Testing Laboratory TL-207

has met the requirements of AC89, *IAS Accreditation Criteria for Testing Laboratories*, and has demonstrated compliance with ISO/IEC Standard 17025:2017, *General requirements for the competence of testing and calibration laboratories.* This organization is accredited to provide the services specified in the scope of accreditation.

Effective Date October 20, 2021

President

Visit www.iasonline.org for current accreditation information.

SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. | www.iasonline.org

PFS CORPORATION DBA PFS TECO

www.pfsteco.com

Contact Name Steven Verhey, Ph.D. **Contact Phone** +608 433-0063

Accredited to ISO/IEC 17025:2017 *Effective Date October 20, 2021*

Physical	
40 CFR Part 770	Formaldehyde standards for composite wood products
AS/NZS 2098.1	Methods of test for veneer and plywood - moisture content of veneer and plywood
AS/NZS 2098.2	Methods of test for veneer and plywood - bond quality of plywood (chisel test)
AS/NZS 2098.3	Methods of test for veneer and plywood – bond quality and strength of scarf joints in plywood
AS/NZS 2098.4	Methods of test for veneer and plywood - measurement of dimensions and shape for sheets of veneer and plywood
AS/NZS 2098.7	Methods of test for veneer and plywood - density of veneer and plywood
AS/NZS 2098.11	Methods of test for veneer and plywood - determination of formaldehyde emissions for plywood
ASTM D143	Standard test methods for small clear specimens of timber
ASTM D905	Standard test method for strength properties of adhesive bonds in shear by compression loading
ASTM D906	Standard test method for strength properties of adhesives in plywood type construction in shear by tension loading
ASTM D1037	Standard test methods for evaluating properties of wood-base fiber and particle panel materials
ASTM D1101	Standard test methods for integrity of adhesive joints in structural laminated wood products for exterior use
ASTM D1151	Standard practice for effect of moisture and temperature on adhesive bonds
ASTM D1183	Standard practices for resistance of adhesives to cyclic laboratory aging conditions
ASTM D1583	Standard test method for hydrogen ion concentration of dry adhesive films
ASTM D2395	Standard test methods for density and specific gravity (relative density) of wood and wood-based materials

ASTM D2559	Standard specification for adhesives for bonded structural wood products for use under exterior exposure conditions
ASTM D3535	Standard test method for resistance to creep under static loading for structural wood laminating adhesives used under exterior exposure conditions
ASTM D4442	Standard test methods for direct moisture content measurement of wood and wood-based materials
ASTM D4688/D4688M	Standard test method for evaluating structural adhesives for finger jointing lumber
ASTM D5266	Standard practice for estimating the percentage of wood failure in adhesive bonded joints
ASTM D5572	Standard specification for adhesives used for finger joints in nonstructural lumber products
ASTM D5582	Standard test method for determining formaldehyde levels from wood products using a desiccator
ASTM D5751	Standard specification for adhesives used for laminate joints in nonstructural lumber products
ASTM D5764	Standard test method for evaluating dowel-bearing strength of wood and wood-based products
ASTM D6007	Standard test method for determining formaldehyde concentrations in air from wood products using a small-scale chamber
ASTM D6305	Standard practice for calculating bending strength design adjustment factors for fire-retardant-treated plywood roof sheathing
ASTM D7247	Standard test method for evaluating the shear strength of adhesive bonds in laminated wood products at elevated temperatures
ASTM E96/E96M	Standard test methods for water vapor transmission of materials
ASTM E1333	Standard test method for determining formaldehyde concentrations in air and emission rates from wood products using a large chamber
CSA O112.0	Definitions and standard test method for wood adhesives
CSA O112.1	Animal glues for wood (excluding sections 4.2.2, 4.2.4, 4.2.5 and 4.2.6)
CSA O112.2	Starch glues for wood
CSA O112.3	Casein glues for wood
CSA O112.4	Polyvinyl for wood (excluding sections 4.2 and 4.5.2)
CSA O112.5	Urea resin adhesives for wood (room- and high-temperature curing (excluding section 4.3)

CSA O112.6	Phenol and phenol-resorcinol resin adhesives for wood (high-temperature curing) (excluding section 4.3)
CSA O112.7	Resorcinol and phenol resorcinol resin adhesives for wood (room- and intermediate-temperature curing) (excluding section 4.3)
CSA O112.8	Polyvinyl adhesives-cross linking, for wood (excluding section 5.2)
CSA O112.9	Evaluation of adhesives for structural wood products (exterior exposure)
CSA O112.10	Evaluation of adhesives for structural wood products (limited moisture exposure)
DIN EN 15416-2	Adhesives for load bearing timber structures other than phenolic and aminoplastic - test methods - part 2: static load test of multiple bondline specimens in compression shear
Structural	
AITC 200	Manufacturing quality control systems manual - includes the AITC test methods, otherwise known as t-tests
ANSI A208.1	Particleboard
ANSI A208.2	Medium density fiberboard (MDF) for interior applications
ANSI/APA PRP 210	Standard for performance rated engineered wood siding
ANSI/APA PRP 410	Standard for performance-rated engineered wood rim boards
ANSI/HPVA HP-1	Standard for hardwood and decorative plywood
AS/NZS 2269.0	Plywood – structural – part 0: specifications (except section 1.10)
AS/NZS 2269.1	Plywood - structural – part 1: determination of structural properties - test methods
ASTM D198	Standard test methods of static tests of lumber in structural sizes
ASTM D1761	Standard test methods for mechanical fasteners in wood
ASTM D2718	Standard test methods for structural panels in planar shear (rolling shear)
ASTM D2915	Practice for sampling and data-analysis for structural wood and wood-based products
ASTM D3043	Standard test methods for structural panels in flexure (except appendix X-1 and section 7.5.4)
ASTM D3500	Standard test methods for structural panels in tension
ASTM D3501	Standard test methods for wood-based structural panels in compression
ASTM D5055	Standard specification for establishing and monitoring structural capacities of prefabricated wood i-joists

ASTM D5456	Standard specification for evaluation of structural composite lumber products
ASTM E661	Standard test method for performance of wood and wood-based floor and roof sheathing under concentrated static and impact loads
ASTM F1575	Standard test method for determining bending yield moment of nails
CSA O177	Qualification code for manufacturers of structural glued-laminated timber
CSA O325	Construction sheathing
ICC ES AC04	Sandwich panels (test methods referenced in section 4.0 (excluding sections 4.7 through 4.10))
ICC ES AC14	Prefabricated wood I-joists (test methods referenced section 4.0 (except sections 4.2.3 and 4.4.2))
ICC ES AC47	Structural wood-based products (test method referenced in section 3.0 (except section 3.5.2))
ICC ES AC124	Rim board products (test method referenced in sections 3.0 and 4.0)
ICC ES AC182	Wood structural panels (test methods referenced in section 4.0)
United States Department of Commerce Product Standard PS-1	Structural plywood (Sections 5.7, 5.8.6, 5.8.7, 5.9, 5.10, 5.11, and 6.0)
United States Department of Commerce Product Standard PS-2	Performance based standard for wood-based structural use panels (Sections 5.3, 5.4, 6.0, and 7.0)

AITC: American Institute of Timber Construction

APA: American Plywood Association

CSA: Canadian Standards Association

HPVA: Hardwood Plywood & Veneer Association