

# AUTHORIZATION TO MARK

In recognition of its compliance with PFS TECO's policies, the manufacturer listed below is authorized to mark their product(s) as certified in accordance with the standards listed in this document, as appropriate.

**Manufacturer:** Mercer International (Mercer Mass Timber)  
Spokane Valley, Washington

**PFS TECO Plant No.:** 917

**Product:** Cross-Laminated Timber (CLT)

**Product Description:** Refer to the following page for list of approved products for use in the USA and Canada

— Refer to PFS TECO [Building Product Evaluation Report 0141](#) for additional information and associated design properties.

**Standards:** ANSI/APA PRG 320-2025, *Standard for Performance-Rated Cross-Laminated Timber*

**Authorized by:**

**Revision Date:** 27 March 2025



Scott Drake  
President & CEO

PFS Corporation dba PFS TECO, Cottage Grove, WI USA [www.pfsteco.com](http://www.pfsteco.com)  
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# List of Approved Products

## Mercer Mass Timber Plant No. 917

Certification Mark for Products Approved in the US and Canada:



### Cross-Laminated Timber (CLT)

| CLT Grade | Strength Class & Species | CLT Layup Designation | Thickness, $t_p$ (in.) | Lamination Thickness in CLT Layup (in.) |      |      |      |      |      |      |      |      |      |      |  |
|-----------|--------------------------|-----------------------|------------------------|---|------|------|------|------|------|------|------|------|------|------|--|
|           |                          |                       |                        | =                                       | ⊥    | =    | ⊥    | =    | ⊥    | =    | ⊥    | =    |      |      |  |
| 1.4V      | 875<br>SPF, DF-L         | CLT3-082              | 3.24                   | 1.08                                    | 1.08 | 1.08 |      |      |      |      |      |      |      |      |  |
|           |                          | CLT3-090              | 3.54                   | 1.18                                    | 1.18 | 1.18 |      |      |      |      |      |      |      |      |  |
|           |                          | CLT3-090T             | 3.54                   | 1.08                                    | 1.38 | 1.08 |      |      |      |      |      |      |      |      |  |
|           |                          | CLT3-097              | 3.84                   | 1.38                                    | 1.08 | 1.38 |      |      |      |      |      |      |      |      |  |
|           |                          | CLT3-100              | 3.94                   | 1.38                                    | 1.18 | 1.38 |      |      |      |      |      |      |      |      |  |
|           |                          | CLT3-105              | 4.14                   | 1.38                                    | 1.38 | 1.38 |      |      |      |      |      |      |      |      |  |
|           |                          | CLT5-137              | 5.40                   | 1.08                                    | 1.08 | 1.08 | 1.08 | 1.08 |      |      |      |      |      |      |  |
|           |                          | CLT5-139              | 5.47                   | 1.38                                    | 0.67 | 1.38 | 0.67 | 1.38 |      |      |      |      |      |      |  |
|           |                          | CLT5-150              | 5.90                   | 1.18                                    | 1.18 | 1.18 | 1.18 | 1.18 |      |      |      |      |      |      |  |
|           |                          | CLT5-152T             | 6.00                   | 1.08                                    | 1.38 | 1.08 | 1.38 | 1.08 |      |      |      |      |      |      |  |
|           |                          | CLT5-160              | 6.30                   | 1.38                                    | 1.08 | 1.38 | 1.08 | 1.38 |      |      |      |      |      |      |  |
|           |                          | CLT5-175              | 6.90                   | 1.38                                    | 1.38 | 1.38 | 1.38 | 1.38 |      |      |      |      |      |      |  |
|           |                          | CLT7-222              | 8.76                   | 1.38                                    | 1.08 | 1.38 | 1.08 | 1.38 | 1.08 | 1.38 |      |      |      |      |  |
|           |                          | CLT7-245              | 9.66                   | 1.38                                    | 1.38 | 1.38 | 1.38 | 1.38 | 1.38 | 1.38 |      |      |      |      |  |
|           |                          | CLT9-285              | 11.22                  | 1.38                                    | 1.08 | 1.38 | 1.08 | 1.38 | 1.08 | 1.38 | 1.08 | 1.38 | 1.08 | 1.38 |  |
| CLT9-315  | 12.42                    | 1.38                  | 1.38                   | 1.38                                    | 1.38 | 1.38 | 1.38 | 1.38 | 1.38 | 1.38 | 1.38 | 1.38 | 1.38 |      |  |
| 1.5M      | 1,650<br>SPF, DF-L       | CLT3-105              | 4.14                   | 1.38                                    | 1.38 | 1.38 |      |      |      |      |      |      |      |      |  |
| 1.8M      | 2,100<br>SPF, DF-L       | CLT3-097              | 3.84                   | 1.38                                    | 1.08 | 1.38 |      |      |      |      |      |      |      |      |  |
|           |                          | CLT3-105              | 4.14                   | 1.38                                    | 1.38 | 1.38 |      |      |      |      |      |      |      |      |  |
|           |                          | CLT5-139              | 5.47                   | 1.38                                    | 0.67 | 1.38 | 0.67 | 1.38 |      |      |      |      |      |      |  |
|           |                          | CLT5-160              | 6.30                   | 1.38                                    | 1.08 | 1.38 | 1.08 | 1.38 |      |      |      |      |      |      |  |
|           |                          | CLT5-175              | 6.90                   | 1.38                                    | 1.38 | 1.38 | 1.38 | 1.38 |      |      |      |      |      |      |  |

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# List of Approved Products (continued)

**Mercer Mass Timber**  
Spokane Valley, WA  
Plant No. 917

Certification Mark for Products Approved only in the US:



## Cross-Laminated Timber (CLT)

| CLT Grade | Strength Class & Species | CLT Layup Designation | Thickness, $t_p$ (in.) | Lamination Thickness in CLT Layup (in.) |      |      |      |      |      |      |   |   |  |
|-----------|--------------------------|-----------------------|------------------------|---|------|------|------|------|------|------|---|---|--|
|           |                          |                       |                        | =                                       | ⊥    | =    | ⊥    | =    | ⊥    | =    | ⊥ | = |  |
| 1.4V      | 750 SYP                  | CLT3-105              | 4.14                   | 1.38                                    | 1.38 | 1.38 |      |      |      |      |   |   |  |
|           |                          | CLT5-137              | 5.40                   | 1.08                                    | 1.08 | 1.08 | 1.08 | 1.08 |      |      |   |   |  |
|           |                          | CLT5-150              | 5.90                   | 1.18                                    | 1.18 | 1.18 | 1.18 | 1.18 |      |      |   |   |  |
|           |                          | CLT5-152T             | 6.00                   | 1.08                                    | 1.38 | 1.08 | 1.38 | 1.08 |      |      |   |   |  |
|           |                          | CLT5-160              | 6.30                   | 1.38                                    | 1.08 | 1.38 | 1.08 | 1.38 |      |      |   |   |  |
|           |                          | CLT5-175              | 6.90                   | 1.38                                    | 1.38 | 1.38 | 1.38 | 1.38 |      |      |   |   |  |
|           |                          | CLT7-222              | 8.76                   | 1.38                                    | 1.08 | 1.38 | 1.08 | 1.38 | 1.08 | 1.38 |   |   |  |
|           |                          | CLT7-245              | 9.66                   | 1.38                                    | 1.38 | 1.38 | 1.38 | 1.38 | 1.38 | 1.38 |   |   |  |
| 1.8M      | 2,100 SYP                | CLT3-105              | 4.14                   | 1.38                                    | 1.38 | 1.38 |      |      |      |      |   |   |  |
|           |                          | CLT5-137              | 5.40                   | 1.08                                    | 1.08 | 1.08 | 1.08 | 1.08 |      |      |   |   |  |
|           |                          | CLT5-150              | 5.90                   | 1.18                                    | 1.18 | 1.18 | 1.18 | 1.18 |      |      |   |   |  |
|           |                          | CLT5-152T             | 6.00                   | 1.08                                    | 1.38 | 1.08 | 1.38 | 1.08 |      |      |   |   |  |
|           |                          | CLT5-160              | 6.30                   | 1.38                                    | 1.08 | 1.38 | 1.08 | 1.38 |      |      |   |   |  |
|           |                          | CLT5-175              | 6.90                   | 1.38                                    | 1.38 | 1.38 | 1.38 | 1.38 |      |      |   |   |  |
|           |                          | CLT7-222              | 8.76                   | 1.38                                    | 1.08 | 1.38 | 1.08 | 1.38 | 1.08 | 1.38 |   |   |  |
|           |                          | CLT7-245              | 9.66                   | 1.38                                    | 1.38 | 1.38 | 1.38 | 1.38 | 1.38 | 1.38 |   |   |  |

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