



Product Evaluation Reports

PER-06020

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Progressive Engineering Inc.

Initial Listing
January, 1996

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Goshen, Indiana 46528

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Listed Product

1x9 SYP Bleacher Plank

Listed For

Decatur Wood Products

P.O. Box 85
Paw Paw, MI 49079

Approved Manufacturer

Decatur Wood Products

79201 North M-51
Decatur, MI 49045

Progressive Engineering Inc. is an accredited Testing Laboratory and Third Party Quality Control Agency. This **Product Evaluation Report** represents a product that Pei has a follow-up service agreement with. This **Product Evaluation Report** in no way implies warranty for this product or relieves Decatur Wood Products of their liabilities for this product. Pei is accredited to ISO Standard 17020 and 17025. This **PER** is an official document if it is within one year of the initial or renewal date.

Listing Details

1x9 SYP Planks are manufactured to become bleacher seat boards that are currently used in Public School Gymnasiums, Multi-Purpose Facilities and State Leased Service Buildings. This product is for interior use only.

The 1x9 Planks have been tested and evaluated for Bending, Tension, Compression and Shear Strength characteristics to meet design loads and requirements of the codes listed under Code Compliance of this Listing Sheet.

Product Descriptions

The 1x9 Planks are manufactured from pieces of Southern Yellow Pine (SYP) by edge gluing and finger-jointing wood pieces into a 1x9 continuous plank. Each individual piece used is a of minimum 5-1/2" long. The exact plank size is 3/4" x 8-7/8" and can be cut any length.

All boards are finished on both sides and edges and sealed with a moisture resistant urethane followed by a second coat of high gloss urethane.

General Product Usage

1. Bleacher Planks shall be installed in accordance with the manufacturer's Installation Instructions along with approved drawings, subject to the conditions of this PER. A copy of the manufacturer's Installation Instructions shall be made easily available to the installer.

TEST DOCUMENTATION

Pei test report No. 1994-1908 -1x9 Finger Jointed and Edge Jointed Lumber Tests.

Pei test report No. 1995-218 - 1 x 9 Southern Yellow Pine Finger Jointed & Edged Jointed Lumber Test.

Pei test report No. 1995-1802 - 1x9 Southern Yellow Pine Finger Jointed & Edge Jointed Lumber Tests, Finger Length

Quality Assurance Documentation

A Quality Control Manual for Bleacher Plank manufacturing dated 11/20/2006.

A follow-up Listing & Inspection agreement between Pei and Decatur Wood Products

Code Compliance

2003 IBC
2003 IRC
1997 UBC

2006 IBC
2003 IRC
2009 IBC

2009 IRC

Product Labeling

All Bleacher Planks that are covered by this PER must be labeled with at least the following information:

1. The Bleacher Plank name
2. Manufacturing Date Code
3. Manufacturer's name or Logo
4. This PER number & Pei's name or Logo

Design Values

1x9 SYP Planks	
Compression Perpendicular to Grain	635 psi
Weak Axis Bending	2055
Modulus of Elasticity	1.57E+07
Tension	1199 psi

