



Product Evaluation Report

PER-07022

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Progressive Engineering Inc.

Initial Listing
December 14, 2007

Re-Approved
July 1, 2008

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Goshen, Indiana 46528 www.p-e-i.com

Listed Product

Various Sheet Good Laminations

Listed For

Robert Weed Plywood Corporation

705 Maple Street
Bristol, IN 46507

Approved Laminator / Distributor

Robert Weed Plywood Corporation

705 Maple Street
Bristol, IN 46507

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 **Robert Weed Plywood Corporation** 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

The Various Sheet Good Laminations covered under this Product Evaluation Report is used for cabinets, side walls, decorative wall panels, and door skins, which are supplied to the Manufactured Housing, RV and Park Model markets.

These Various Sheet Good Laminations have been tested and evaluated for ASTM E84 Flame Spread and Formaldehyde Emissions per HUD 24 CFR Part 3280.308 for plywood and particleboard. Along with this Listing is a quarterly ongoing testing program and inspection program of Robert Weed Plywood's Quality Control Documentation.

Substrate Descriptions

Hardwood Plywood (Meranti/Lauan) consists of layers of wood veneer that are stacked together usually oriented with the grains running at the right angle, having been bonded together using an adhesive with the assistance of heat and pressure. This product is purchased from a supplier.

Particle Board is an engineered wood product that is manufactured from wood particles such as wood chips, sawmill shavings or even saw dust that is binded together with a synthetic resin and then pressed or binded together. This product is purchased from a supplier.

Laminated Products

The previously mentioned Substrates are laminated by Robert Weed Plywood with vinyl, paper, Formica or wood veneers to alter the appearance of the Substrate. The lamination process uses only tested and approved adhesives and laminates. The lamination process follows an approved Q.C. Program.

Quality Assurance Documentation

All testing documentation is kept on file at Robert Weed Plywood facility in Bristol, Indiana and at PEI.

A Quality Control Manual for the Sheet Good Laminating - Dated 8/8/07

A follow-up Listing & Inspection agreement between Pei and **Robert Weed Plywood Corporation**

A MSDS sheet for Particle Board (Phenol-Formaldehyde Bonded) dated February, 2007

A MSDS sheet for MDF (Medium Density Fiberboard) dated June, 2006

A MSDS Sheet for all approved Gypsum Board suppliers.

A MSDS sheet from **RWP** for UF Bonded Wood Products

A MSDS sheet for Flakeboard Particleboard dated September, 2006

Test Report 08-002-147 (A) per CAN/ULC-S102 Surface Burning Characteristics of 5.2mm Laminated Meranti dated 3/5/2008.

Code Compliance

**ANSI A119.2/NFPA 1192 Standard
on Recreational Vehicles**

**HUD 24 CFR Part 3280.308
HUD 24 CFR Part 3280.406**

**ANSI A119.5 Recreational Park
Trailers**

ASTM E 84 Rating = 200 or less

Formaldehyde Emissions Level = .2 ppm or less for Hardwood Plywood and .3ppm or less for Particleboard.

Product Labeling

All the Various Sheet Goods that are to be covered by this Product Evaluation Report must be labeled with at least the following information:

1. The ASTM E84 Flame Spread Rating
2. The thickness
3. The Mill number
4. This Product Evaluation Report number & Pei's name or Logo
5. The Formaldehyde Emissions Level per HUD

The following **Products** meet the requirements set forth by RVIA and HUD for Formaldehyde levels under .2 ppm for Meranti and .3 ppm for Particleboard.

Listed Products (As of July 1, 2008)			
Description	Substrate	Overlay	Glue
Hardwood Plywood (Meranti)	3.4 to 18mm Meranti	30- 50gm Paper	White
	3.4 to 18mm Meranti	2-4 Mil Vinyl	White
	3.4 to 18mm Meranti	None	None
Particle Board*	1/2", 5/8", 3/4" & 1" PB	30 - 50gm Paper	White
	1/2", 5/8", 3/4" & 1" PB	2 - 4 Mil Vinyl	White
	1/2", 5/8", 3/4" & 1" PB	None	None