



www.socomi.com
www.pacificwoodlaminates.com

Pacific Wood Laminates, Inc.

We can do that.

Fax: (781) 998-6557

Phone: (541) 469-4177

Brookings, OR 97415

P.O. Box 820

885 Railroad Ave.



MULTIform™ HDO/HDO+

CONCRETE FORMS

It's the One:

MultiForm HDO™ provides smoother, more durable surfaces that resist wear and abrasion to deliver superior results over the course of multiple pours.

Durable, precision-engineered plywood

Consistently stiff, straight and true

Premium HDO surfaces resist moisture, alkalinity and abrasion

Highly machinable for easy installation

Specifically designed for multiple reuses

Consistent quality, dependable performance

FSC Certification Available Upon Request



SCS-COC-00636
The mark of responsible forestry
©1996 Forest Stewardship Council



CONCRETE FORMS

The following requirements and recommendations are essential to the performance and life of your PWL concrete forming panels.

Storage

Panels should be stored out of the sun and rain or covered loosely to allow circulation without heat and/or moisture build up. Use stickers thick enough to keep panels away from ground moisture, including snow. Keep panels away from areas of standing water and heavy traffic. Refer to the PWL Technical Binder, Section 3, and/or visit www.apawood.org for additional information.

Recommended Release Agent

Pacific Wood Laminates recommends Noxcrete Chemically Active Form Release Agents. Refer to the PWL Technical Binder, Section 6, and/or visit www.nox-crete.com for additional information.

Overlay Selection

It is critical to select the correct overlay and substrate for the specific type of finish you are seeking. PWL uses Dynea's Ultim exclusively. Refer to PWL Technical Binder, Section 5, and/or visit www.dyneaoverlays.com for additional information.

Abrasion Resistance and Vibrating

The performance of the panel against abrasion is dependent on the type of overlay and substrate used on the panel. See the PWL Technical Binder, Section 9, and/or visit www.apawood.org for comparisons and recommendations. Rubber tipped vibrators are the only recommended vibrator. Slump and rate of pour should adhere to the original design for maximum results from the panel.

Durability

The durability of a particular product is based on a number of factors, including the type of overlay, face veneer, panel construction and release agent being used. Call your PWL sales representative for recommendations based on the specific requirements for your particular job.

Masking of Grain Transfer

Refer to the PWL Technical Binder, Section 5, and/or visit www.dyneaoverlays.com.

Form Fabrication/Edge Sealing

All products are shipped with a factory edge seal. To help reduce moisture absorption and minimize swelling, reseal all cut edges and penetrations in the panel face with Noxcrete's Edge Flex 235.

Machinability

Refer to the PWL Technical Binder for tooling recommendations specific to each product.

Edge Support

Panel edges should be supported during conditions of high moisture and/or sustained load to the panel. Failure to do so may produce deflection in excess of the engineering calculations. Visit www.apawood.org for additional information.

Concrete Mix/Placement

Certain concrete mixes, additives and practices can adversely affect the performance of the panel and/or overlay. Refer to the PWL Technical Binder, Section 4, for a complete breakdown. Slump and rate of pour should adhere to the original design for maximum results from the panel.

Stripping

Proper panel stripping and handling procedures will prolong the life of the panel. Wood wedges are recommended for stripping panels rather than metal tools. Panels should be lowered from the structure. Do not drop panels. For additional information refer to PWL Technical Binder Section 3, or www.apawood.org.

Panel Cleaning

Soon after removal, plywood forms should be inspected for wear, cleaned, repaired, spot edge sealed and retreated with a chemically reactive release agent before reuse. A hardwood wedge is preferred to hard wire brushes when scraping panels. Refer to the PWL Technical Binder, Section 3, or visit www.apawood.org for additional information.

Form Fabrication/Edge Sealing/Surface Repairs

All products are shipped with a factory edge seal. To help reduce moisture absorption and minimize swelling, reseal all cut edges (see Sec. 6 in the PWL Technical Binder) and penetrations in the panel face should be repaired, per Section #3 in the PWL Technical Binder, with Noxcrete's Edge Flex.

Grading Agency

All PWL overlaid products are produced to meet or exceed the US Standard PS1-09. All panels are manufactured under certification by the APA, the Engineered Wood Association.

Sizes:

- 1/2", 5-ply
- 5/8", 7-ply
- 3/4", 7-ply
- 1 1/8", 11-ply, unless otherwise specified
- Optional thicknesses available on request.

Load Span Tables

Wet Pressure (psf)

Load Duration Factor = 1.0

SPAN TABLES													
FACE GRAIN ACROSS SUPPORTS						ONE STEP	FACE GRAIN PARALELL TO SUPPORTS						
Support	3/4		17.5mm / 11/16		5/8		Support	3/4		17.5mm / 11/16		5/8	
Spacing	L/360	L/270	L/360	L/270	L/360	L/270	Spacing	L/360	L/270	L/360	L/270	L/360	L/270
4"	5140	5140	4778	4778	4334	4334	4"	4270	4270	3877	3877	3516	3516
8"	1975	1975	1838	1838	1647	1647	8"	1505	1735	1359	1359	1118	1118
12"	1070	1070	890	890	732	732	12"	580	670	497	604	388	497
16"	550	600	427	501	335	412	16"	250	335	213	283	163	218
19.2"	335	420	256	342	198	264	19.2"	180	210	151	189	116	154
24"	175	235	134	179	103	137	24"	90	125	-	103	-	-



South Coast Lumber Co.

& Affiliates
GRNDF & KDDF Specialists

(541) 469-2136
www.socomi.com

885 Railroad Ave., P.O.Box 670
Brookings, Oregon 97415



Pacific Wood Laminates, Inc.

Engineered Wood Products

(541) 469-4177
www.pacificwoodlaminates.com

885 Railroad Ave., P.O. Box 820
Brookings, Oregon 97415



SCS - COC - 00636
The mark of responsible forestry
©1996 Forest Stewardship Council