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Pacific Wood Laminates, Inc.

We can do that.

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PROface™

PSF/HDO/MDO

CONCRETE FORMS

Get Set For Better Results.

It's true: Our new ProFace™ concrete forming panels were specifically engineered and manufactured to set a new standard of performance in every job application, including architectural-quality pours.

Exceptionally smooth PSF, HDO or MDO surfaces

Hardwood veneer faces for superior strength and durability

Improved resistance to alkalinity, water, abrasion and wear

Engineered for greater strength, stiffness and dimensional stability

Dramatically increased re-use performance

Consistent results, pour after pour

Lower lifetime costs

FSC Certification Available Upon Request



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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.

Chemical Resistance

ProFace™ concrete forming panels withstand continuous contact with dilute acids, alkaline, organic chemicals and many neutral acids, increasing panel uses.

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 Noxcrete's Edge Flex 235 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.

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"	5150	5150	4790	4790	4425	4425	4"	4510	4510	3890	3890	3530	3530
8"	1980	1980	1885	1885	1769	1769	8"	1735	1735	1660	1660	1647	1647
12"	975	975	840	840	868	868	12"	745	815	730	805	681	754
16"	495	550	415	470	394	525	16"	325	430	315	420	286	382
19.2"	300	380	250	325	233	311	19.2"	230	255	225	250	203	236
24"	160	210	130	175	121	161	24"	120	160	115	155	103	137



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South Coast Lumber Co.
& Affiliates
GRNDF & KDDF Specialists

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