

PERI LITEFORM PSF2S

Formwork Panel

Panel construction

All hardwood core. Mixed A grade/BC core veneers.

Coating and edges

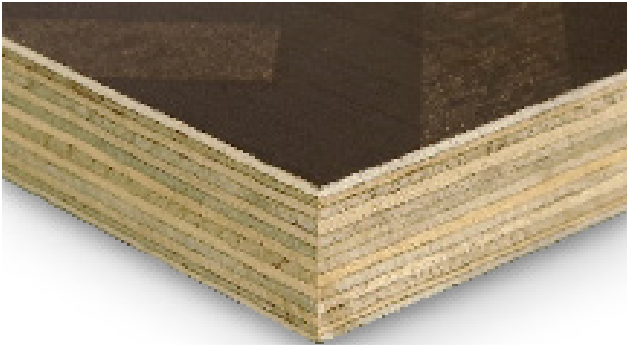
Panel is constructed with 130 g/m² Phenolic Surface Film on both sides. Edges are sealed dark.

Bonding

Melamine glue.

Application

Formwork panel for a smooth gloss finish.
Minimal resuses.



Construction and thicknesses

Nominal thickness (mm)	# of piles	Weight in lb/f ²	Pcs/Unit	Unit/Truck	SKU
15	9-ply	1.9	60	13	250357
18	11-ply	2.3	50	13	250356

Lab Testing and Technical Data

All tests are done by European Standard.	
Moisture content	(MC)- EN322
Density	EN323
Modulus of elasticity	EN310
Bending strength	EN310
Formaldehyde emission	EN717-2

Uniform Loads (PSF) on 250356 18m Liteform PSF2S

Name	Load Governed By	Face Grain Across Supports Span, Center-to-Center of Supports (Inches)									
		12	16	19.2	24	30	32	36	40	48	60
Single Span	L/360	547	231	133	68	35	29	20	15	9	4
	L/240	820	346	200	103	52	43	30	22	13	7
	L/180	1093	461	267	137	70	58	40	30	17	9
	Bending	2927	1646	1143	732	468	412	325	263	183	117
Double Span	L/360	1317	556	321	165	84	69	49	36	21	11
	L/240	1975	833	482	247	126	104	73	53	31	16
	L/180	2634	1111	643	329	169	139	98	71	41	21
	Bending	2927	1646	1143	732	468	412	325	263	183	117
Triple Span	L/360	1034	436	252	129	66	55	38	28	16	8
	L/240	1551	654	379	194	99	82	57	42	24	12
	L/180	2068	872	505	258	132	109	77	56	32	17
	Bending	3658	2058	1429	915	585	514	406	329	229	146
Name	Load Governed By	Face Grain Parallel to Supports Span, Center-to-Center of Supports (Inches)									
		12	16	19.2	24						
Single Span	L/360	382	161	93	48						
	L/240	573	242	140	72						
	L/180	764	323	187	96						
	Bending	1367	769	534	342						
Double Span	L/360	921	388	225	115						
	L/240	1381	583	337	173						
	L/180	1841	777	450	230						
	Bending	1367	769	534	342						
Triple Span	L/360	723	305	176	90						
	L/240	1084	457	265	136						
	L/180	1446	610	353	181						
	Bending	1708	961	667	427						



PERI Formwork Systems Inc.
Formwork Scaffolding Engineering
7135 Dorsey Run Rd
Elkridge MD 21075
Tel. (410) 712-7225
Fax (410) 796-8683
www.peri-usa.com

Tony Heyward
Panel Manager
Tel. (267) 524-6288
tony.heyward@peri-usa.com

PERI Panel Products

How to extend the lifetime of formwork plywood

Proper handling and cleaning extends the lifetime of plywood panels. This guide shows how to handle and use your PERI formwork plywood. To achieve the best results and the maximum number of re-uses of your plywood, please follow these instructions.

Storage and Transport

- Protect the panels from contact with water and direct sunlight
- Cover stacks loosely to allow air circulation without heat build up
- Store on levelled ground to avoid deflection
- Panel forms should be carefully piled flat, face to face and back to back
- Immediately after stripping, panels can be stacked into small packages with faces together
- Storing plywood into stacks in between jobs helps minimize the risk of damage to the panels

Preparation for forming

PERI plywood is supplied with all four edges sealed for protection and to reduce moisture penetration. Restore edge protection after cutting panels to size:

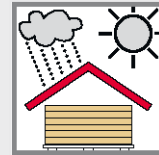
- Fill any open gaps with putty and seal
- Seal unprotected edges when cutting plywood to size
- Oil the panels before each use
- For minimal damage to the panel surface, supports should be fastened to the back of the panel

How to minimize the “rippling” effect

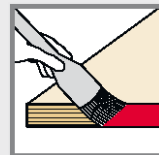
The quality of the concrete finish and the number of reuses of formwork plywood are affected by the conditions on the construction site. Due to low moisture content in the plywood, formwork panels are likely to be delivered to site in a relatively dry condition. When first exposed to weather elements and during the initial usage of the panels, moisture absorption may cause localised swelling of the wood veneer, which may leave impressions in the concrete finish. This type of plywood should therefore be conditioned prior to first use, e.g. by applying wet cement slurry or grout wash. Localised swelling should then become less noticeable.

After use

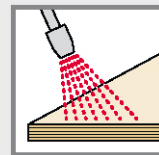
- When stripping panels, do not force panels with metal prys bars
- Use wood wedges, tapping gradually to strip the panels from the concrete surface
- Clean plywood panels immediately after use
- Immediately after stripping, panels should be cleaned with non scratching tools
- Use water to degrease the plywood surface before re-applying release agent



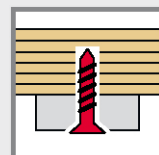
Protect from weather



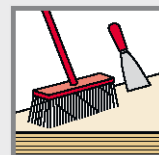
Seal edges & holes



Oil panels before use



Fasten from the back



Clean panels after use

Note

This information does not apply for plywood installed within a system formwork.

Disclaimer

The above information is a guide only. PERI does not accept any liability and/or assume responsibility for the number of re-uses or the concrete surface finish quality, as both are affected by various factors that are out of our control.



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