

POURFORM-107®

Pourform-107—REPEAT POURFORMance



Pourform-107 concrete-forming panels have earned a 40-year reputation as the world's most dependable and popular high-quality MDO panel. Engineered for exceptional strength and reusability. Manufactured to CSA 0121 Standards under quality assurance by APA — The Engineered Wood Association, the Struc 1 panel outlasts all competitive MDO products reuse after reuse. When the job demands quality and cost-efficient performance, Pourform-107 delivers. Anything less costs you more.



Superior Overlay for Durability and Finish

Pourform-107 is overlaid on the panel face with a unique, olive green-colored phenolic resin-impregnated overlay (with the highest percentage of free-flow resins of any MDO panel available). The overlay is bonded to the panel face under high heat and pressure. This forms a hard, durable surface that resists abrasion and moisture and makes the panel easy to strip from concrete surfaces. This overlay also protects the wood substrate from the rigors of site construction, including exposure to water and alkali solutions. Pourform-107 panels produce a non-architectural matte concrete finish uniform in color, with moderate grain/patch transfer.

Engineered For Long Serviceability

Pourform-107 should give from 10–15 reuses. This will vary according to application, service conditions, form maintenance and handling, and form release quality (N.B. see Form-Release Agent on other side of this sheet).

Panel Specifications

Standard sizes are 1220 mm x 2440 mm / 2745 mm / 3050 mm x 15.5 mm / 17.5 mm / 19.0 mm thick. Other thicknesses and dimensions are available on special order.

NOMINAL THICKNESS	# OF PLYS	THICKNESS TOLERANCES	kg/m ²	PANELS PER PKG
15.5 mm	5	-0.5; +1.0 mm	8.3	55
17.5 mm	7	-0.5; +1.0 mm	9.3	50
19.0 mm	7	-0.5; +1.0 mm	10.2	46

Constructed and Edge-sealed for Extra Strength

Exceptionally strong, rigid and dimensionally stable, Pourform-107 panels are manufactured from Douglas Fir logs carefully selected for their tight grain, ensuring the panels meet the properties listed on back. The panels are bonded with a fully waterproof phenolic resin to meet CSA 0121 requirements.

The edges are sealed with Savona's distinctive Orange® sealant to prevent moisture penetration. Cut or exposed edges should be resealed to prevent moisture absorption and panel swelling.

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Pourform—More pours per panel

Form Maintenance

Use wood wedges, tapping gradually when stripping forms. Metal pry bars should not be used as they will damage the panel surface and edges. Forms should be cleaned immediately after stripping. Concrete buildup should be removed using a wooden or plastic scraper, stiff fiber brush or burlap sack. Projecting nails should be withdrawn to prevent scarring of the panels when stacked. Panels should be stacked flat, face to face and out of the sun to prevent surface checking and cupping.

For further details, ask your dealer for a copy of the Pourform Care and Handling pamphlet or go to our website www.savonapourform.com and click **Products**.

Form-Release Agent

Pourform-107 panels are factory treated with a chemically active release agent. It is recommended that each panel also be coated lightly with a quality chemically active release

agent (Nox Crete® or equivalent) prior to the first and with each subsequent use. **Do not** use form-release agents that contain diesel fuel, mineral spirits or motor oil as these may soften and eventually degrade both the overlay and the panel itself. Using such agents will reduce or void the warranty.



Formwork Design

Pourform-107 is constructed with the grain direction of the face and back veneers running parallel to the long edges of the panel. Panels should therefore always be applied perpendicular to supports to minimize deflection.

Engineering Data

Pourform-107 concrete-forming panels are manufactured to CSA 0121 standards under quality assurance by APA—The Engineered Wood Association. Engineering data are provided in the following tables.

STRESS TABLE

NOMINAL THICKNESS: (mm)	ALLOWABLE OR WORKING STRESS DESIGN CAPACITIES					
	FACE GRAIN ACROSS SUPPORTS			FACE GRAIN ALONG SUPPORTS		
	15.5mm	17.5mm	19.0mm	15.5mm	17.5mm	19.0mm
BENDING RESISTANCE: M or F _b S (N-mm/mm)	361	469	535	221	319	322
BENDING STIFFNESS: EI x 10 ⁶ (N-mm ² /mm)	2.49	3.68	4.51	0.85	1.58	1.62
PLANAR SHEAR CAPACITY: V or F _v lb/Q (N/mm)	8.55	8.42	8.84	4.62	6.83	6.86

* Increases EI 10% when bending and shear deflection are calculated separately (see Plywood Design Specification, APA Form Y510) | Wet stresses | 1.25 DOL for M and V included.

LOAD TABLE: (kN/M²)

SPAN (mm)	FACE GRAIN ACROSS SUPPORTS						FACE GRAIN ALONG SUPPORTS					
	15.5mm		17.5mm		19.0mm		15.5mm		17.5mm		19.0mm	
	L/270	L/360	L/270	L/360	L/270	L/360	L/270	L/360	L/270	L/360	L/270	L/360
102	224	224	221	221	232	232	121	121	178	178	180	180
152	125	125	123	123	129	129	67	67	100	100	100	100
203	86	86	85	85	89	89	47	47	69	69	69	69
305	39	38	51	51	55	55	21	16	34	28	35	28
406	22	17	28	24	32	28	9	7	16	12	16	12
488	14	10	20	15	23	17	6	5	11	9	11	9
610	7	5	10	8	12	9	3	2	6	4	6	4
711	4	3	7	5	8	6						
813	3	2	4	3	5	4						

Assumes three spans, wet stresses and 1.25 DOL for strength. | Net support width = 1-1/2 in

DEALER IMPRINT



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