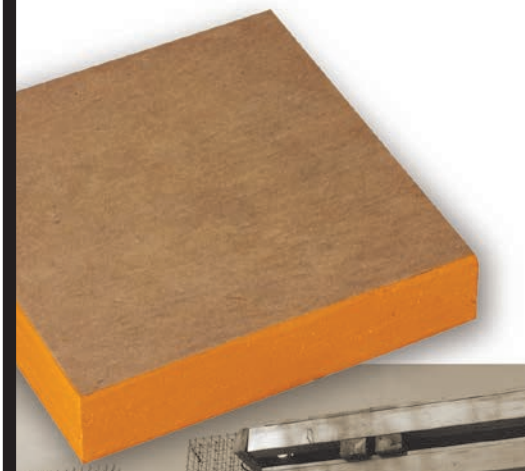
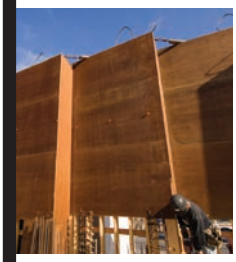
MEDIUM-DENSITY CONCRETE-FORMING PLYWOOD

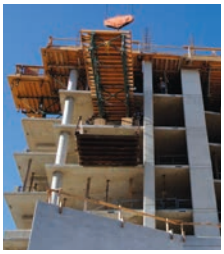
POURFORM-107®



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.





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).

Pourform Plus Series available with dense hardwood faces:
- Exceptionally smooth concrete surfaces
- No patch and Minimal Grain Transfer
- Improved resistance to alkalinity, water, abrasion and wear
- Dramatically increased reuse performance with consistent results
- Pourform-107 Plus 20–25 or even more reuses
- Lower lifetime panel costs

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.

Constructed and Edge-sealed for Extra Strength
Excpetionally strong, rigid and dimensionally stable. Pourform-107 is manufactured to meet or exceed the design characteristics of a Struc 1 Panel. This ensures that the panels meet or exceed the engineering properties listed on back. The panels are bonded with a fully waterproof phenolic resin system to meet the bond requirements of PS 1.

Pourform-107 Plus is an APA Certified Custom Product manufactured with a dense hardwood face. The structural properties of the dense hardwood faces meet or exceed the requirements of PS 1 Table 1, Group 1 species. These panels meet or exceed the structural requirements of PS 1-09, Table 1, group 1 species.

Edges are sealed with Savona's distinctive Orange edge seal, (Nox-Crete Edge Flex 645) designed to work in a highly alkaline, wet environment. Cut or exposed edges should be resealed to prevent moisture absorption and panel swelling.

SSP Savona Specialty Plywood

POURFORM-107®

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

	ALLOWABLE OR WORKING STRESS DESIGN CAPACITIES					
	FACE GRAIN ACROSS SUPPORTS			FACE GRAIN ALONG SUPPORTS		
NOMINAL THICKNESS: (mm)	**15.5mm**	**17.5mm**	**19.0mm**	**15.5mm**	**17.5mm**	**19.0mm**
BENDING RESISTANCE: M or F_bS (N-mm/mm)	361	469	535	221	319	322
BENDING STIFFNESS: EI x 10^6(N-mm²/mm)	2.49	3.68	4.51	0.85	1.58	1.62
PLANAR SHEAR CAPACITY: V or F_sIb/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)

	FACE GRAIN ACROSS SUPPORTS						FACE GRAIN ALONG SUPPORTS					
SPAN	**15.5mm**		**17.5mm**		**19.0mm**		**15.5mm**		**17.5mm**		**19.0mm**	
(mm)	**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 = 1-½ in

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 PLIES	THICKNESS TOLERANCES	kg/m²	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

Savona Specialty Plywood

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