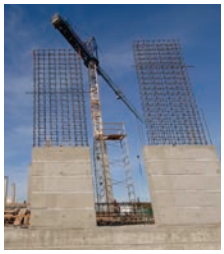
POURFORM-pH®

Pourform-pH—*ENDURING POURFORMance*

Pourform-pH concrete-forming panels are manufactured using the latest technologies for alkali resistance, durability and maximum reuse. Specially engineered, Pourform-pH features an overlay with a resin content that is highly chemical resistant and protects against the new formulations of fast-cure, aggressive concrete mixes. When the job demands enduring performance, Pourform-pH delivers. Anything less costs you more.



Engineered For Long Serviceability
Pourform-pH should give from 30–40 or even more 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
- 40–50 or even more reuses
- Lower lifetime panel costs

Superior Innovative Surface
Pourform-pH panels are manufactured with an innovative non-porous overlay impregnated with the next generation melamine resin system designed to provide increased chemical resistance and superior panel protection and durability.

The grey 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.

Constructed and Edge-sealed for Extra Endurance
Pourform-pH 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-pH 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 a specially formulated grey 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.

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Pourform—More reuses 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-pH panels are not factory treated with any release coating. It is recommended that each panel be coated lightly with a quality quick-drying chemically active release agent (Nox-Crete® Release Agent #10 or Bionox) 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-pH 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-pH 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)	**12.5mm**	**15.5mm**	**17.5mm**	**19.0mm**	**12.5mm**	**15.5mm**	**17.5mm**	**19.0mm**
BENDING RESISTANCE: M or F_bS (N-mm/mm)	266	361	469	535	141	221	319	322
BENDING STIFFNESS: EI x 10^6(N-mm²/mm)	1.49	2.49	3.68	4.51	0.43	0.85	1.58	1.62
PLANAR SHEAR CAPACITY: V or F_sIb/Q (N/mm)	6.81	8.55	8.42	8.84	3.68	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	**12.5mm**		**15.5mm**		**17.5mm**		**19.0mm**		**12.5mm**		**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**	**L/270**	**L/360**	**L/270**	**L/360**
102	179	179	224	224	221	221	232	232	97	97	121	121	179	179	180	180
152	99	99	125	125	123	123	129	129	54	54	67	67	100	100	100	100
203	64	64	86	86	85	85	89	89	34	31	47	47	69	69	69	69
305	29	26	39	38	51	51	55	55	12	9	21	16	34	28	35	28
406	15	11	22	17	28	24	32	28	5	4	9	7	16	12	16	12
488	9	7	14	10	20	15	23	17	3	3	6	5	11	9	11	9
610	4	3	7	5	10	8	12	9	2	1	3	2	6	4	6	4
711	3	2	4	3	7	5	8	6								
813	2	1	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 x 12.5 mm / 15.5 mm / 17.5 mm / 19.0 mm thick. Other thicknesses are available on special order.

NOMINAL THICKNESS	# OF PLIES	THICKNESS TOLERANCES	kg/m²	PANELS PER PKG
12.5 mm	5	–0.5; +1.0 mm	7.8	69
15.5 mm	5	–0.5; +1.0 mm	9.3	55
17.5 mm	7	–0.5; +1.0 mm	10.7	50
19.0 mm	7	–0.5; +1.0 mm	11.7	46

SSP Savona Specialty Plywood

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