

THERE'S MORE THAN ONE REASON OUR PANELS ARE #1 IN THE CONCRETE INDUSTRY



WITH A PRODUCT OFFERING THIS BROAD, NO JOB IS OUT OF SCOPE.

Swanson Group® provides the highest proven performance in conform panel solutions. Customers recognize our exceptional history of performance, exhibited in our panel solutions, including the first HDO/MDO "combi" panels in North America.

Swanson works directly with customers to establish relationships based upon market needs, panel design properties, overlay technologies, and application experience. We are now enhancing our capability to provide superior panel performance. Swanson is manufacturing in a new state-of-the-art facility which is the most sophisticated overlay panel facility in North America.

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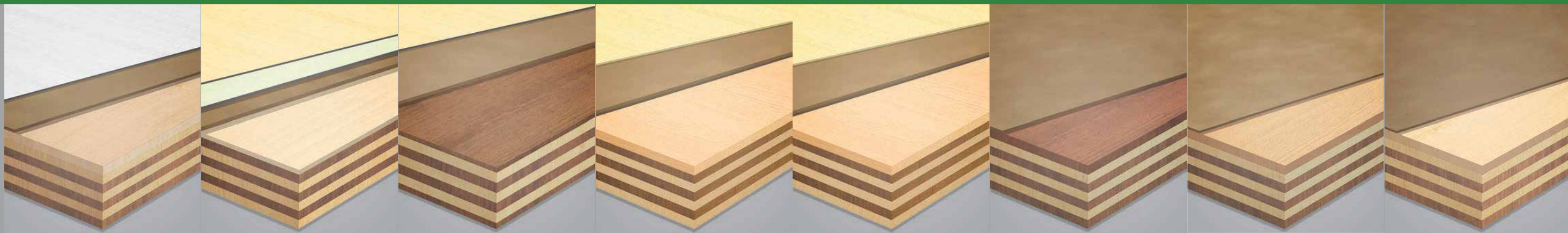
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SWANSON GROUP: HOW TO CHOOSE THE RIGHT PANEL FOR YOUR APPLICATION



Product Brand Name	BARRIER FILM®	MULTIPOUR®	CLASSIC™	REGULAR HDO™	BASIC HDO™	SUPER-MATTE™	HI-FLOW®	B-MATTE®
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« Highest Reuse					Lowest Reuse »			« Highest Reuse			Lowest Reuse »
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Product Description	Exclusive premium white cross-linked overlay on proprietary dense hardwood faced plywood for glossy finishes.	High density overlay on proprietary dense hardwood faced plywood with Douglas Fir inner plies offering superior surface durability from proprietary overlay system.	High density overlay on proprietary dense hardwood faced plywood with Douglas Fir inner plies offering excellent surface durability from proprietary overlay system.	High density overlay on Douglas Fir faced plywood with Douglas Fir inner plies offering 100/30 or 100/100 performance.	High density overlay on Douglas Fir faced plywood with Douglas Fir/Hemlock inner plies.	High Resin Medium density overlay on proprietary hardwood faced plywood with Douglas Fir inner plies offering excellent surface durability.	High Resin Medium density overlay on Douglas Fir plywood offering enhanced alkalinity resistance versus regular MDO's.	Medium density overlay on Douglas Fir/Hemlock plywood offering enhanced alkalinity resistance versus regular MDOs.
Features and Benefits	<ul style="list-style-type: none"> Outstanding performance in high alkaline/high wall pressure/abrasive mixes For architectural finishes with two-step® White overlay reflects heat for controlled pours Proprietary Overlay System Increased Dimensional Stability & Flatness 	<ul style="list-style-type: none"> Two-Step® for architectural finishes No grain transfer Superior Alkaline Resistance for HDO finish Proprietary Overlay System Increased Dimensional Stability & Flatness 	<ul style="list-style-type: none"> Enhanced alkalinity resistance versus Douglas Fir faced HDO Controlled hydration; limits tiger striping Minimal to limited grain transfer Proprietary Overlay System Increased Dimensional Stability & Flatness 	<ul style="list-style-type: none"> Two-Step® panel that balances cost, multiple reuse and concrete appearance Excellent choice for semi-gloss on smooth or coated concrete Variation in hydration can cause tiger striping and grain transfer Increased Dimensional Stability & Flatness 	<ul style="list-style-type: none"> Standard 100/30 performance Variation in hydration can cause tiger striping and grain transfer 	<ul style="list-style-type: none"> Better alkalinity resistance versus Douglas Fir faced MDO Most economical option for minimal grain transfer Highest resin content MDO for higher reuse rate Proprietary Overlay System Increased Dimensional Stability & Flatness 	<ul style="list-style-type: none"> Durable High resin content MDO for high reuse rate Matte finish for coated concrete Proprietary Overlay System Increased Dimensional Stability & Flatness 	<ul style="list-style-type: none"> Twice the form release retention of regular MDO Durable overlay offers excellent masking characteristics and reuse rate. Matte finish for coated concrete Increased Dimensional Stability & Flatness
Working Faces	One-side or two-sides available; one-side with HDO backer	One-side or two-sides available; one-side with HDO backer	One-side or two-sides available; one-side with HDO backer	One-side or two-sides available; one-side with HDO backer	1 side only with HDO backer	One-side or two-sides available; one-side with raw hardwood back	One-side or two-sides available; one-side with raw Fir back	One-side or two-sides available; one-side with raw Fir back
Gloss Level on Concrete Surface	High gloss	Gloss	Gloss	Semi-gloss	Semi-gloss	Matte	Matte	Matte
Wood Grain Transfer/Wood Defect Transfer on Concrete Surface	None, no "football" patches	None, no "football" patches	Minimal, no "football" patches	Moderate	Moderate to Heavy	Minimal, no "football" patches	Moderate to Heavy	Moderate to Heavy
Strength Class/Stiffness	Struct-1 equivalent	Struct-1 equivalent	Struct-1 equivalent or Class-1	Struct-1	Struct-1 or Class-1	Custom Table	Struct-1 or Class-1	Struct-1 or Class-1
Working Edges	Factory coated with Swanson Proprietary Gen 5 Edge Sealer on all sawn edges; Recommend resealing all re-sawn edges with same or Nox-Crete Edge Flex 645 prior to use.	Factory coated with Swanson Proprietary Gen 5 Edge Sealer on all sawn edges; Recommend resealing all re-sawn edges with same or Nox-Crete Edge Flex 645 prior to use.	Factory coated with Swanson Proprietary Gen 5 Edge Sealer on all sawn edges; Recommend resealing all re-sawn edges with same or Nox-Crete Edge Flex 645 prior to use.	Factory coated with Swanson Proprietary Gen 5 Edge Sealer on all sawn edges; Recommend resealing all re-sawn edges with same or Nox-Crete Edge Flex 645 prior to use.	Factory coated with Swanson Proprietary Gen 5 Edge Sealer on all sawn edges; Recommend resealing all re-sawn edges with same or Nox-Crete Edge Flex 645 prior to use.	Factory coated with Swanson Proprietary Gen 5 Edge Sealer on all sawn edges; Recommend resealing all re-sawn edges with same or Nox-Crete Edge Flex 645 prior to use.	Factory coated with Swanson 5 Edge Sealer on all sawn edges; Recommend resealing all re-sawn edges with same or Nox-Crete Edge Flex 645 prior to use.	Factory coated with Swanson Edge 5 Sealer on all sawn edges; Recommend resealing all re-sawn edges with same or Nox-Crete Edge Flex 645 prior to use.
Pour Range	Up to 225 pours	Up to 200 pours	Up to 150 pours	Up to 20 pours	Up to 15 pours	Up to 20 pours	Up to 15 pours	Up to 12 pours
Best Pour Range Average	Up to 125 pours	Up to 75 pours	Up to 40 pours	Up to 15 pours	Up to 10 pours	Up to 15 pours	Up to 10 pours	Up to 8 pours
ARAGE Alkaline Resistance	270	256	221	90	90	90	85	85
Release Agent*	Not factory treated: Nox-Crete Release Agent RA10-450 (oil based) #10 (oil based), Bio-Nox (water based and readily biodegradable) or equivalent.	Not factory treated: Nox-Crete Release Agent RA10-450 (oil based) #10 (oil based), Bio-Nox (water based and readily biodegradable) or equivalent.	Not factory treated: Nox-Crete Release Agent RA10-450 (oil based) #10 (oil based), Bio-Nox (water based and readily biodegradable) or equivalent.	Not factory treated: Nox-Crete Release Agent RA10-450 (oil based) #10 (oil based), Bio-Nox (water based and readily biodegradable) or equivalent.	Not factory treated: Nox-Crete Release Agent RA10-450 (oil based) #10 (oil based), Bio-Nox (water based and readily biodegradable) or equivalent.	Factory treated with Nox-Crete Form Coating. Recommended for job-site Nox-Crete Form Coating (oil based and inherently biodegradable), (Biodegradable) or equivalent	Factory treated with Nox-Crete Form Coating. Recommended for job-site Nox-Crete Form Coating (oil based and inherently biodegradable), (Biodegradable) or equivalent	Factory treated with Nox-Crete Form Coating. Recommended for job-site Nox-Crete Form Coating (oil based and inherently biodegradable), (Biodegradable) or equivalent

All panels conform to APA PS 1-19 and utilize a phenolic exterior grade glue. All panels carry warranty against manufacturer's defects. Panel performance and results may vary, contact Swanson Group for technical assistance.
 * Special applications or use requirements may dictate the need for alternative release agents. Contact Swanson Group Sales or Nox-Crete for more information.