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www.swansongroup.biz

Swanson Group Manufacturing  
1651 South F Street  
Springfield, OR 97477

Phone: 541-744-3422  
Email: russ.hellwege@swansongroup.biz

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



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

Swanson Group® provides the highest proven performance in 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 manufactures panels in a new state-of-the-art facility which is the most sophisticated overlay panel facility in North America.

Panels shown: 1 - Signal® MDO, 2 - SignReady UV™, 3 - Highway HDO®, 4 - Prefinished UV™, 5 - Guardian® One-Step MDO, 6 - Crezon Two-Step® MDO™, 7 - Pre-Primed MDO®.

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



Product Brand Name	HIGHWAY HDO®	SIGNREADY UV™	PREFINISHED UV®	SIGNAL® MDO	GUARDIAN® ONE-STEP MDO	CREZON TWO-STEP® MDO	PRE-PRIMED MDO®
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« Premium Sign Panels »	Performance Sign Panels »	« Medium Density Overlay Panels »	Medium Density Overlay Panels »
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Product Description	Highway HDO® is a premium, high durability, long lasting HDO plywood. It is prepared for reflective film or paint for Federal & State highway, county, municipal and commercial signage.	SignReady UV™ is a prefinished, high gloss, vinyl letter/ink jet/paint ready, MDO plywood with a 5-year limited warranty. It is an excellent surface for wide layout digital printers, vinyl lettering and sign paints.	Prefinished UV® is a prefinished, satin gloss, vinyl letter/ink jet/paint ready, MDO plywood with a 2-year limited warranty. It is an excellent surface for wide layout digital printers, vinyl lettering and sign paints.	Signal® MDO is a medium density overlaid, hardwood faced plywood with tight core for superb machinability and weatherability. It is ideal for cutout letters and quality signs	Guardian® One-Step MDO is an economical, industry standard, paint grade plywood panel providing a good surface for finishing.	Crezon Two-step® MDO is a premium, unfinished paint grade MDO plywood which provides a superior surface for finishing.	Pre-Primed MDO is a premium primed MDO overlaid, two-step® plywood which provides an excellent base coat for top coating.
Features and Benefits	<ul style="list-style-type: none"> <li>Reflective film and paint ready</li> <li>Minimal wood grain &amp; no patch show through</li> <li>Enhanced panel stability using "Swan Peel™" Technology</li> <li>Waterproof bond for exceptional weatherability</li> <li>High face/edge screwholding</li> <li>NAUF - meets CARB requirements</li> </ul>	<ul style="list-style-type: none"> <li>Vinyl letter/digital print/paint ready</li> <li>5-year warranty against flaking and peeling</li> <li>Smooth, high gloss finish</li> <li>Minimal wood grain &amp; no patch show through</li> <li>Enhanced panel stability using "Swan Peel™" Technology</li> <li>Exceptional weatherability</li> <li>Superior scratch, chip &amp; mar resistance</li> <li>NAUF - meets CARB requirements</li> </ul>	<ul style="list-style-type: none"> <li>Vinyl letter/digital print/paint ready</li> <li>2-year warranty against flaking and peeling</li> <li>Smooth, satin finish</li> <li>Enhanced panel stability using "Swan Peel™" Technology</li> <li>Superior scratch, chip &amp; mar resistance</li> <li>Waterproof bond for exceptional weatherability</li> <li>NAUF - meets CARB requirements</li> </ul>	<ul style="list-style-type: none"> <li>Ideal for cutout letters and quality signs</li> <li>Minimal wood grain &amp; no patch show through</li> <li>Long term, smooth surface for paint &amp; coatings</li> <li>Enhanced panel stability using "Swan Peel™" Technology</li> <li>Waterproof bond for exceptional machinability and weatherability</li> <li>High face/edge screwholding</li> <li>NAUF - meets CARB requirements</li> </ul>	<ul style="list-style-type: none"> <li>Economical, industry standard MDO panel</li> <li>Enhanced panel stability using "Swan Peel™" Technology</li> <li>Easily painted using primer and compatible top coat paints</li> <li>Durable surface</li> <li>Waterproof bond</li> <li>NAUF - meets CARB requirements</li> </ul>	<ul style="list-style-type: none"> <li>Uniform smooth surface for high quality paints</li> <li>Enhanced panel stability using "Swan Peel™" Technology</li> <li>Superior panel surface and durability</li> <li>Waterproof bond</li> <li>High face/edge retention</li> <li>NAUF - meets CARB requirements</li> </ul>	<ul style="list-style-type: none"> <li>Pre-Primed MDO saves time and labor</li> <li>Smooth surface for high quality top coatings</li> <li>Enhanced panel stability using "Swan Peel™" Technology</li> <li>Waterproof bond for exceptional machinability and weatherability</li> <li>High face/edge screwholding</li> <li>Extremely durable with superior surface and life</li> <li>NAUF - meets CARB requirements</li> </ul>
Panel Construction and Moisture Resistance	Constructed of premium, high density overlaid hardwood faced plywood with Douglas Fir inner plys. It is manufactured with a two-step® process using our Swan Peel™ Technology, and has a waterproof glue bond and meets APA PS 1-09. All Swanson products are made in the USA.	Constructed of a proprietary, Urethane-acrylic, crosslinked, UV cured finish applied to hardwood face MDO plywood with Douglas Fir/Hemlock inner plys. It is manufactured with a two-step® process using our Swan Peel™ Technology, has a waterproof glue bond and meets APA PS 1-09. All Swanson products are made in the USA.	Constructed of a proprietary, Urethane-acrylic, crosslinked, UV cured finish applied to MDO plywood with Douglas Fir/Hemlock inner plys. It is manufactured with a two-step® process using our Swan Peel™ Technology, has a waterproof glue bond and meets APA PS 1-09. All Swanson products are made in the USA.	Constructed of an MDO overlay on hardwood faced plywood with Douglas Fir/Hemlock inner plys. It is manufactured with a two-step® process with minimal core voids using our Swan Peel™ Technology, has a waterproof glue bond and meets APA PS 1-09. All Swanson products are made in the USA.	Guardian® One-Step MDO is constructed of an MDO overlay on plywood with Douglas Fir/Hemlock construction. It is produced with a one-step process using our Swan Peel™ Technology, has a waterproof glue bond and meets APA PS 1-09 specifications. All Swanson products are made in the USA.	Crezon Two-step® MDO is constructed of an MDO overlay on plywood with Douglas Fir/Hemlock construction. It is produced with a two-step® process using our Swan Peel™ Technology, has a waterproof glue bond and meets APA PS 1-09 specifications. All Swanson products are made in the USA.	Pre-Primed MDO is a proprietary, thermo-set, acrylic, primed MDO which is applied to Douglas Fir/Hemlock plywood. It is produced with a two-step® process using our Swan Peel™ Technology, has a waterproof glue bond and meets APA PS 1-09 specifications. All Swanson products are made in the USA.
Working Faces and Treatment	<ul style="list-style-type: none"> <li>Highway® HDO is available with two working faces only.</li> <li>Working faces are available in natural (buff) and black colors.                             <ul style="list-style-type: none"> <li>Natural HDO is ready for paint or film.</li> <li>For best results, see finishing instructions.</li> <li>Black HDO requires chemical preparation before finishing.</li> <li>Contact Swanson Group® for instructions.</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>SignReady UV™ is available with one or two working faces. Panels with a single working face are provided with an MDO or primed MDO backer.</li> <li>Solid, high gloss white finish with reflectance of 75 to 85</li> <li>Urethane-acrylic, cross-linked, UV cured finish consists of three thermo-set base coats and two cross-linked, UV cured top coats.</li> <li>Hard, durable, chip and scratch resistant finish</li> </ul>	<ul style="list-style-type: none"> <li>Prefinished UV® is available with one or two working faces. Panels with a single working face are provided with an MDO backer.</li> <li>Solid, satin gloss white finish with reflectance of 25 to 35</li> <li>Urethane-acrylic, cross-linked, UV cured finish consists of three thermo-set base coats and one cross-linked, UV cured top coats.</li> <li>Hard, durable, chip and scratch resistant finish</li> </ul>	<ul style="list-style-type: none"> <li>Signal® MDO is available with two working faces only consisting of natural (brown) overlays on each side of the panel.</li> </ul>	<ul style="list-style-type: none"> <li>Guardian® One-Step MDO is available with one or two working faces and no backer. The working face consists of a resin impregnated MDO overlay.</li> </ul>	<ul style="list-style-type: none"> <li>Crezon Two-step® MDO is available with one or two working faces. Panels with a single working face are standard with no backer. Backer available as an option.</li> <li>The working face consists of brown, resin impregnated MDO overlay</li> </ul>	<ul style="list-style-type: none"> <li>Pre-Primed MDO is available with one or two working faces. Panels with a single working face have a moisture barrier backer.</li> <li>The white thermo-set acrylic prime coat is 0.9 to 1.25 mil dry and is formulated to provide good adhesion to the MDO and a good base for subsequent overcoats.</li> </ul>

All panels conform to APA PS-109 and utilize a phenolic exterior grade glue.