



HIGH DENSITY OVERLAID PANELS



ULTRA HDO PLUS®

PREMIUM QUALITY

2 STEP PANEL

ULTRA HDO PLUS is a high density overlaid panel mainly used for concrete forming. It is the most rugged of our overlaid panels and is another addition to the specialty products line at Richply®. Specifications are as follows:

- ◆ Two step process
- ◆ 7-ply Douglas fir panel
- ◆ CANPLY PS-107 approved
- ◆ STRUC 1 (all Douglas fir)
- ◆ GROUP 1
- ◆ Silver/grey edge seal
- ◆ Panels are not oiled at the factory and will require oiling at the job site before the first use and before each subsequent use to achieve maximum pours and a smooth finish.
- ◆ Load Span Data (38 mm or 1-1/2" wide):
- ◆ HDO and MDO paper on face
- ◆ Richply® logo on back paper
- ◆ Thickness: 3/4"
- ◆ Panel size: 4 x 8 foot (1220 x 2440 mm)
- ◆ Packaging: 44 pieces per unit

US span tables for Richply 19 mm HDO two-step, HDO/MDO face, HDO back, 7 ply, All Douglas fir, 2.4 face and back, 3.2 core and 2.4 center				
Applicable for plywood spanning continuously across three or more supports, with face grain perpendicular to supports				
Minimum width of support (in.)	Centre to centre span (in.)	Allowable pressure (psf) for the indicated deflection limits		
		L/180	L/270	L/360
1-1/2	4	4300	4300	4300
	8	1700	1700	1700
	12	1000	1000	870
	16	570	570	430
	20	370	310	240
	24	250	190	140
	32	120	82	61

Table prepared by Certiwood/CANPLY

Why use Richply® plywood?

- ◆ We've been supplying the world with Canadian plywood since 1956.
- ◆ We care. Quality is our top priority.
- ◆ We manufacture a full range of softwood plywood, from sheathing to high-end specialty panels. See the full range of our products at www.richply.com
- ◆ We're proud members of the Canadian Plywood Association.



RICHMOND PLYWOOD CORPORATION LIMITED

13911 Vulcan Way, Richmond, B.C., Canada V6V 1K7

Available from:



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CARE AND HANDLING

To achieve the full re-use potential of *ULTRA HDO PLUS®*, the following procedures are recommended:

STORAGE

Panels should be stored on a dry, level platform under shelter or otherwise protected. Steel straps should be cut and the forming surface of the top panel covered. Prolonged exposure to the direct sunlight may cause degradation.

FORM CONSTRUCTION

- ◆ Carbide-tipped blades are recommended. Cut or exposed edges must be resealed with a water and alkali resistant edge sealant or paint to prevent moisture absorption and minimize swelling.
- ◆ Panels should be fixed to framing supports with screws. Screws can be countersunk and filled to maintain concrete appearance. Reduce leakage by filling joints with a suitable tape or expandable caulk.
- ◆ Avoid chipping or denting panel surface and damage to panel edges during handling.

CONCRETE PLACEMENT

Use rubber-tipped vibrators for consolidation. Vibrators should not be used to move concrete horizontally in forms. As well, rate of pour and slump factor must be limited to that assumed in the design of the form.

CLEANING AND TREATMENT

- ◆ Coat panels with Nox-Crete™ form release agent or equivalent quality chemically-active release agent before initial use and subsequent uses. This will simplify stripping and cleaning, lengthen form life, and improve concrete appearance. Coatings such as diesel fuel, barrier release agents or crankcase oil are not recommended, as they may damage the MDO face.
- ◆ Use wooden wedges if aids for stripping are required. Using metal implements will cause perimeter damage.
- ◆ Clean panels immediately after stripping using non-abrasive tools such as brushes and plastic or wooden scrapers.

RICHPLY'S ENVIRONMENTAL POLICY

Richply is committed to sustainable forestry and reforestation and is in full compliance with all government forest practice regulations, including the Forest Practices Code of British Columbia Act.



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