



HIGH DENSITY OVERLAID PANELS

ULTRA HDO

PREMIUM QUALITY



ULTRA HDO 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:

- ◆ 7-ply all Douglas Fir Panel
- ◆ GROUP 1 & STRUC 1 for top structural performance
- ◆ 3rd party, structurally certified by APA to PS1
- ◆ Balanced construction for reduced warp
- ◆ Silver/grey edge seal
- ◆ HDO paper on face
- ◆ Richply logo on back paper
- ◆ Thickness: 3/4"
- ◆ Panel size: 4' x 8' (1220 x 2440 mm)
- ◆ Packaging: 44 pieces per unit

ULTRA HDO PLUS is available on request. HDO paper on Face. 2 Step - Less Telegraphing and Superior Finish.

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.

Span Table

| 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 |

Notes:

- 1) Table prepared by Certiwood/CANPLY
- 2) Applicable for plywood spanning continuously across three or more supports, with face grain perpendicular to supports
- 3) Minimum width of support 1 1/2"
- 4) Span table applicable only to product bearing CANPLY certification mark "Mill Specification 858-015"

| Overlay Quality (Face/Back) | Panel Grade | Face | Back | Concrete Surface Finish |
|-----------------------------|-------------|----------------|------------|-------------------------------------------------|
| 100/30 | HDO 1S | 1 MDO 1 HDO | - 1 HDO | Semi-gloss with occasional grain/patch transfer |
| 120/30 | HDO1S | 1 MDO 2 HDO | - 1 HDO | Medium-gloss with minimum transfer |

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 APA - Engineered Wood Association.



High Quality Plywood Products Since 1956

www.richply.com

RICHMOND PLYWOOD CORPORATION LIMITED

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



Available from:



HIGH DENSITY OVERLAID PANELS

ULTRA HDO

PREMIUM QUALITY



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.

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.



High Quality Plywood Products Since 1956

www.richply.com

RICHMOND PLYWOOD CORPORATION LIMITED

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



Available from: