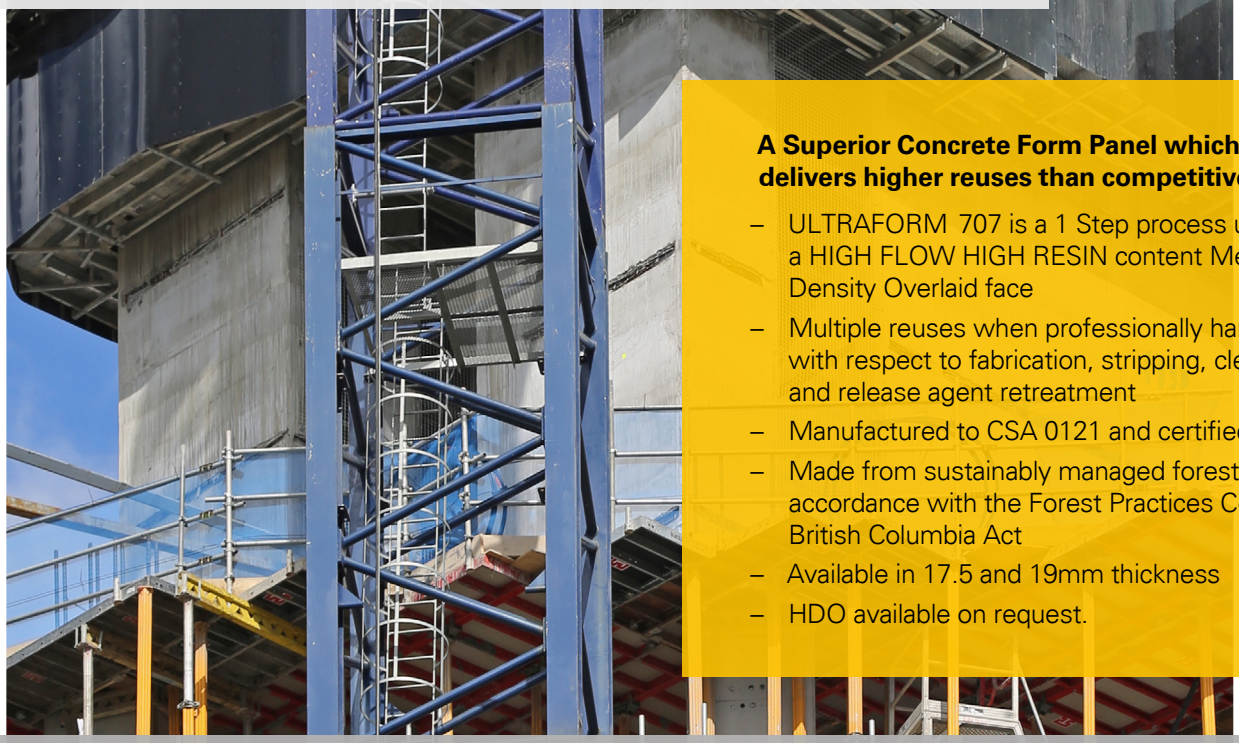
ULTRAFORM® 707

ULTRAFORM 707 High Flow panels are manufactured to COFI FORM SP PLUS specifications to meet the highest standards set by industry. They are engineered for premium performance in high loading and wet service conditions required for concrete forming:

- 7 ply construction of Canadian coastal Douglas Fir veneer for greater strength and stiffness in wet service conditions (17.5 and 19mm)
- Plies bonded with waterproof phenolic resin. Glueline is EXTERIOR GRADE and exceeds the bond requirements of EN 636-3S (replaces WBP rating).
- Cross-laminated veneers are composed/2-piece for reduced core gaps and veneer overlaps



A Superior Concrete Form Panel which delivers higher reuses than competitive panels.

- ULTRAFORM 707 is a 1 Step process using a HIGH FLOW HIGH RESIN content Medium Density Overlaid face
- Multiple reuses when professionally handled with respect to fabrication, stripping, cleaning and release agent retreatment
- Manufactured to CSA 0121 and certified by APA
- Made from sustainably managed forests in accordance with the Forest Practices Code of British Columbia Act
- Available in 17.5 and 19mm thickness
- HDO available on request.

Richply History

Richply has been producing high quality plywood products since its inception in 1956 and is British Columbia's largest manufacturer of Douglas fir plywood.

Environmental Commitment

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

Richply is certified under PEFC Chain of Custody Forest Based Products - Requirements

Richply Guarantee

ULTRAFORM 707 is guaranteed against delamination of either inner ply or overlay surface and against manufacturing defects for the life of the panel. If failure occurs, Richply will reimburse the CIF purchase price of the material or, at its option, replace the defective panel(s).

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Care and handling

To achieve ULTRAFORM 707's full re-use potential, 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 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 or prevent moisture absorption and minimise swelling.

Panels should be fixed to framing supports with screws. Screws can be countersunk and filled to maintain concrete appearance. Reduce join 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 or an 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.

Load span data

The table below is based upon permissible stress design and can be used directly in UK concrete form design procedures without further modification. The Concrete Society handbook **'Formwork - A Guide to Good Practice (Appendix E)'** also contains ULTRAFORM design values and procedures.

The values given are valid for plywood spanning continuously across four or more supports, with face grain parallel to the span between supports, and applicable for general and soffit uses. All loading is to be uniformly distributed.

While every precaution has been taken to ensure that all the information contained in this publication is accurate, PERI and Richply assumes no responsibility for any errors or oversights in the use of it or in the preparation of designs based on it or for any work based on it.

OVERLAID PLYWOOD SPAN TABLE COFIFORM SP PLUS

Minimum width of support	Centre to centre span	Permissible Concrete Pressure (KN/m2) for given thickness and deflection limitation					
mm	mm	17.5mm L/180	19mm L/180	17.5mm L/270	19mm L/270	17.5mm L/360	19mm L/360
50	100	268	281	268	281	268	281
	200	89	94	89	94	89	94
	300	54	56	54	56	54	56
	400	35	40	35	40	27	33
	500	22	26	19	24	15	18
	600	16	18	12	14	8.7	11
	800	7.7	9.6	5.1	6.4	3.9	4.8
75	100	535	563	535	563	535	563
	200	107	113	107	113	107	113
	300	59	63	59	63	59	63
	400	35	41	35	41	33	41
	500	22	26	22	26	17	21
	600	16	18	13	17	10	12
	800	8.6	10	5.7	7.1	4.3	5.3

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