

### MANUFACTURING SPECIFICATION

PRODUCT SPECIFICATION	1. Form pressed with phenolic resin in WBP system, formed combined of pine and eucalyptus veneer plies, receives in its upper faces a dense layer of high density overlay paper impregnated with phenol-formaldehyde resin that we call MDO paper, of light-brown characteristic, flat and matte. This product is developed and produced exclusively for the reusable mold, resulting in solid and compact forms, highly resistant to inclement weather, microorganisms, hot and cold water, steam and heat, in order to be reusable in civil construction in general.		
	2. The Carli Plac ULTRA® MDO have set the standard for extending panel life, producing high quality concrete finishes, and saving money over tradicional raw plywoods and other concrete forming materials.		
	3. The number of pours will vary based on job site conditions and panel handling.		
	4. The plywood board of 18mm thickness is composed with 07 (seven) veneer plies: - Pine face, back face and long core veneers; - Eucalyptus short core veneers.		
	5. Arclin's is saturated to 35% resin content by weight (volatile free basis) formulated to provide a smooth surface on engineered wood substrates to allow multiple re-use of panels in concrete pours. Has the "Crosscut Advantage" to further improve panel performance.		
TECHNICAL DATA	DIMENSION:	2440mm x 1220mm.	
	THICKNESS:	12mm – 11.8 – 12.3mm calibrated	12mm = 27,9943 boards/m³
		15mm – 14.8 – 15.3mm calibrated	15mm = 22,3954 boards/m³
		18mm – 17.8 – 18.3mm calibrated	18mm = 18,6628 boards/m³
	SPECIES:	Taeda Pine and Grandis or dunnii Eucalyptus.	
	GLUE:	Waterproof phenolic glue.	
	UPPER FACES:	MDO paper impregnated with phenol-folmaldehyde resin.	
	QUALITY DEGREE:	C+/C	
	MOISTURE	<6%	
PHYSICAL PARAMETERS:	Density:> 650-700kg/m³		
	Modulus of elasticity: 4.523 Mpa		
	Bending Strength: 35,9 MPa		
QUALITY CERTIFICATIONS:	CE4; CE2+; FSC; CARB; UKCA (in progress)		

### ANALYSIS REPORT

Panel composition: 18 mm 07 plies of Pine/Eucalyptus 390g/m<sup>2</sup> MDO.

3,2 mm Pine face veneer w/ 390g/m <sup>2</sup> MDO
2,3 mm Eucalyptus short core veneer
3,2 mm Pine long core veneer
2,3 mm Eucalyptus short core veneer
3,2 mm Pine long core veneer
2,3 mm Eucalyptus short core veneer
3,2 mm Pine back face veneer

**PACKAGE**



3 Skids

Made of plywood

Binding

7 steel straps

Treatment

Edges sealed with gray paint