OLYMPIC PANEL PRODUCTS - HOW TO CHOOSE THE MOST COST EFFECTIVE CONCRETE FORM

Product Brand Name		Barrier Film™	MultiPour® Plus	MultiPour®	Classic™ HDO 100/30	Basic™ HDO 100/30	B-Matte® 333® MDO	Basic™ MDO
Product Description		Exclusive, premium Phenolic/Melamine, White overlaid plywood with superior alkalinity resistance & durability for glossy finishes.	Premium Phenolic surface film, brown overlaid plywood with good surface durability for high gloss finishes on vertical concrete	Premium, High Density, Buff overlaid plywood with excellent surface durability for semi gloss finishes	Premium, High Density, Buff overlaid plywood with good surface durability for semi gloss finishes	Standard, 100, High Density, Buff over-laid plywood for low gloss finishes on smooth or coated concrete	Standard, Medium Density, brown overlaid plywood for matte finishes with release coating factory applied	Standard, Economy, Medium Density, brown overlaid plywood for matte finishes with release coating factory applied
Panel Construction		Phenolic/Melamine, white, overlay on dense hardwood faced plywood with Doug Fir inner plys; 1 Step layup; Made in the USA; Meets APA PS 1-07	Phenolic Surface Film (PSF), brown overlay on dense hardwood faced plywood with Doug Fir inner plys; 2 Step layup; Made in the USA; Meets APA PS 1-07	High Density overlay on dense hardwood faced plywood with Doug Fir inner plys; 2 Step layup; Made in the USA; Meets APA PS 1-07	High Density overlay on dense hardwood faced plywood with Doug Fir/Hemlock inner plys; 1 Step layup; Made in the USA; Meets APA PS 1-07	High Density, 100 overlay on Doug Fir/Hemlock plywood; 1 Step layup; Made in the USA; Meets APA PS 1-07	Medium Density, Dynea 333 overlay on Doug Fir/Hemlock plywood; 1 Step layup; Made in the USA; Meets APA PS 1-07	Medium Density overlay on Doug Fir/Hemlock plywood; 1 Step layup; Made in the USA; Meets APA PS 1-07
Features and Benefits		• For high alkaline & abrasive concrete • White reflects heat for controlled pours • Best in Table, Gang & Engineered Systems • Minimal wood grain & no patch transfer • Controlled hydration reduces Tiger Striping • Balanced construction ensures panel stability • Increased # of pours & reduced cost/pour	• For architectural high gloss concrete • Vertical application only • Balanced construction ensures panel stability • Minimal wood grain & no patch transfer • Increased # of pours & reduced cost/pour	• For architectural - smooth, textured or coated concrete • Reduces potential vibrator damage • Balanced construction ensures panel stability • Minimal wood grain & no patch transfer • Increased # of pours & reduced cost/pour	• For smooth coated concrete; Excellent for engineered systems • Enhanced alkalinity resistance vs. Douglas Fir faced HDO • Controlled hydration reduces Tiger Striping • Balanced construction ensures panel stability • Minimal wood grain & no patch transfer • Increased # of pours & reduced cost/pour	• Standard 100/30 performance with a tough, anti-abrasion overlay • Smooth finish with moderate wood grain & slight patch transfer • Balanced construction ensures panel stability • Increased # of pours & reduced cost/pour	• Matte finish for coated concrete • Factory applied Nox-Crete FormCoat • Twice the form oil retention of regular MDO's. • Balanced construction ensures panel stability • Increased # of pours & reduced cost/pour	• Matte finish for coated concrete • Factory applied Nox-Crete FormCoat • Increased # of pours & reduced cost/pour vs. BBOES
Glue bond		Waterproof glue bond	Waterproof glue bond	Waterproof glue bond	Waterproof glue bond	Waterproof glue bond	Waterproof glue bond	Waterproof glue bond
Moisture Resistance - Cobb 8 hour soak		1.42 g/sq. ft.	1.09 g/sq. ft.	2.23 g/sq. ft.	2.78 g/sq. ft.	3.09 g/sq. ft.	4.5 g/sq. ft.	6.88 g/sq. ft.
Working Faces		1 side only with HDO backer	1 or 2 sides 1 side with HDO backer	1 or 2 sides 1 side with HDO backer	1 or 2 sides 1 side with HDO backer	1 side only with HDO backer	1 or 2 sides 1 side with Fir back	1 side only with Fir back
Gloss Level of Concrete Surface		Gloss	High-Gloss	Semi-Gloss	Semi-Gloss	Low-Gloss	Matte	Matte
Wood Grain Transfer to Concrete Surface		Slight	Minimal	Minimal	Slight	Moderate	Moderate	Moderate to Heavy
Wood Defect Transfer to Concrete Surface		Minimal, No football Patches	Minimal – No football patches	Minimal – No football patches	Minimal – No football patches	Slight	Moderate	Moderate to Heavy
Sugaring		None	None	None	None	None	None	None
Maintenance		Very Little	Very Little	Very Little	Very Little	Very Little	Occasional	Occasional
Working Edges		Sawn/Sealed - Gray Seal All edges	Sawn/Sealed - Gray Seal All edges	Sawn/Sealed - Gray Seal All edges	Sawn/Sealed - Gray Seal All edges	Sawn/Sealed - Blue Seal All edges	Sawn/Sealed - Gray Seal All edges	Sawn/Sealed - Blue Seal All edges
ARACE Alkaline Resistance (300=best, 0=none)		270	150	256	221	90	85	45
Strength Class/Stiffness		Struct 1 Equivalent	Struct 1 Equivalent	Struct 1 Equivalent	Struct 1 or Class 1	Class 1	Struct 1 or Class 1	Class 1
Allowable Pressure ℓ270 3/4" @ 12" OC (face grain perpendicular to supports)		1105 PSF	1105 PSF	1105 PSF	Struct 1= 1105 PSF Class 1 = 885 PSF	885 PSF	Struct 1= 1105 PSF Class 1 = 885 PSF	885 PSF
Pour Range:	Engineered Systems: Gang Forms: Job Built:	Up to 225 Up to 100 Up to 75	Up to 150 Up to 50 Up to 30	Up to 200 Up to 75 Up to 50	Up to 150 Up to 50 Up to 30	Not Recommended Up to 30 Up to 20	Not Recommended Up to 20 Up to 10	Not Recommended Up to 10 Up to 5
Release Agent		Not Factory Treated; Use Nox-Crete PCE/PCS	Not Factory Treated; Use Nox-Crete PCE/PCS	Not Factory Treated; Use Nox-Crete PCE/PCS	Not Factory Treated; Use Nox-Crete PCE/PCS	Not Factory Treated; Use Nox-Crete PCE/PCS	Factory Treated Nox-Crete FormCoat	Factory Treated; Use Nox-Crete FormCoat
Recoating Required		Little, before each pour	Little, before each pour	Light, before each pour	Light, before each pour	Light, before each pour	Light, before each pour	Light, before each pour
Thicknesses		1/2", 5/8", 3/4" & 1-1/8"	1/2", 5/8", 3/4" & 1-1/8"	1/2", 5/8", 3/4" & 1-1/8"	1/2", 5/8", 3/4" & 1-1/8"	1/2", 5/8" & 3/4"	1/2", 5/8", 3/4" & 1-1/8"	3/4" only
Widths and Lengths		2' & 4' X 8'	2' & 4' X 8'	2' & 4' X 8'	2' & 4' X 8' & 10'*	4' X 8'	2' & 4' X 8' & 10'	4' X 8'
Thickness Tolerance		+/- 1/"32"	+/- 1/"64"	+/- 1/"64"	+/- 1/"32"	+/- 1/"32"	+/- 1/"32"	+/- 1/"32"
Formaldehyde		0.01 parts/million	< 0.01 parts/million	< 0.01 parts/million	< 0.01 parts/million	< 0.01 parts/million	0.03 parts/million	0.01 parts/million

Architectural concrete: formed surfaces where appearance is of major importance and the concrete is to be left in an as-cast state.

Mechanical textured concrete: formed surfaces which are to be mechanically finished to produce a special effect,, e.g. bush hammering.

Smooth concrete: formed surfaces exposed to view, but not of the same appearance importance as architectural concrete; not otherwise treated except by rubbing.

Coated concrete: formed surfaces where the condition of the surface promotes a bond between an applied coating such as paint or acoustical coating and the concrete. The release agent must be compatible with the coating.

*Classic HDO 10' is only available with a fir face. Properties shown apply to 8' Classic HDO only. Please inquire for availability and specific 10' properties.