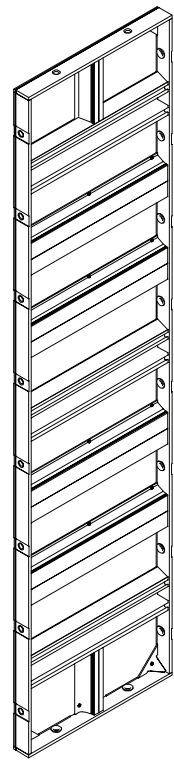
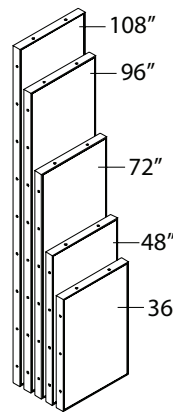


Alum-N-Ply™ Technical Specifications



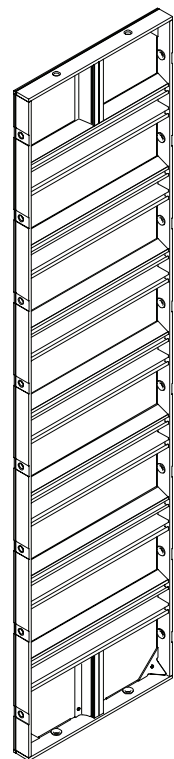
STANDARD FRAME w/PROPLY PLYWOOD FACE SHEET



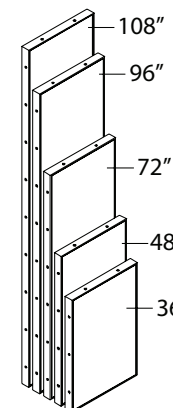
PROPLY "PROFACE"™

- FACE SHEET: 3/8" PROPLY "PROFACE"™ PLYWOOD
- STD. WIDTHS: 10" THRU 24" IN 2" INCREMENTS.
- STD. HEIGHTS: 36", 48", 72", 96" AND 108"
- OPTIONAL HEIGHTS AVAILABLE
- DEPTH: 2-1/2 INCHES
- WEIGHT: 24" x 96" - APPROX. 69 LBS.
- MATERIAL: ALUMINUM HAT SECTIONS w/PROPLY "PROFACE"™ PLYWOOD FACE SHEET
- TIE SYSTEM: FLAT TIE (REF. SYSTEM 6-12 APPLICATIONS CHART)
- OPTIONAL: TAPER TIE WITH TAPERED SPACER.
- SAFE LOAD RATING: 1440 PSF
- DEFLECTION:
24" SPAN, D_{AVG} = $\ell/326$ @ 1000 PSF
24" SPAN, D_{AVG} = $\ell/259$ @ 1440 PSF
- COMPATIBILITY: FORMS ARE RECOMMENDED FOR FORMING APPLICATIONS REQUIRING THE HIGHEST STANDARDS FOR WALL FLATNESS AND MAXIMUM REUSE.
- 1-PIECE FLANGED GUSSETS PROVIDE ADDED STRENGTH AND DURABILITY TO FRAME.

- FORMS CAN BE PRESEASONED AND OILED READY TO USE
- HOLE PATTERN: 6-12
- SIDE RAILS: RECESSED FOR 3/8" FACE, 11/16 DIA, THREAD LOCK w/ STEEL BUSHING AND GASKETS INSTALLED
- END RAILS: RECESSED FOR 3/8" FACE, 11/16 DIA, THREAD LOCK w/ STEEL BUSHING AND GASKETS INSTALLED OTHER SIZES HAVE 11/16 DIA. HOLE WITHOUT BUSHING, BUT INCLUDE GASKET INSTALLED
- RECOMMENDED FORM OIL: WESTERN FORMS KLEENSTRIP, BLUE RIBBON, AND AQUA GREEN FORM RELEASE IS RECOMMENDED FOR ALUMINUM FACE FORMS. PLEASE REFERENCE TECHNICAL DATA SHEET FOR APPLICATION INSTRUCTIONS.
- SPECIAL NOTE: WHEN USED AS COLUMN FORMS, "U-COLLARS" MUST BE INSTALLED.



HEAVY DUTY FRAME w/COMPOSITE FACE SHEET



HD COMPOSITE

- FACE SHEET: 10MM GPP "LAMINEX" COMPOSITE
- STD. WIDTHS: 10" THRU 24" IN 2" INCREMENTS
- STD. HEIGHTS: 36", 48", 72", 96" AND 108"
- OPTIONAL HEIGHTS AVAILABLE
- DEPTH: 2-1/2 INCHES
- WEIGHT: 24" x 96" - APPROX. 84 LBS.
- MATERIAL: ALUM-A-PLY HAT SECTIONS w/ 10MM GPP COMPOSITE "LAMINEX" FACE
- TIE SYSTEM: FLAT TIE (REF. SYSTEM 6-12 APPLICATIONS CHART)
- OPTIONAL: TAPER TIE WITH TAPERED SPACER
- SAFE LOAD RATING: 2100 PSF
- DEFLECTION:
24" SPAN, D_{AVG} = $\ell/340$ @ 1000 PSF
24" SPAN, D_{AVG} = $\ell/300$ @ 1500 PSF
24" SPAN, D_{THEO} = $\ell/215$ @ 2100 PSF
- COMPATIBILITY: FORMS ARE RECOMMENDED FOR FORMING APPLICATIONS REQUIRING THE HIGHEST STANDARDS FOR WALL FLATNESS AND MAXIMUM REUSE.
- FORMS CAN BE PRESEASONED AND OILED READY TO USE.
- HOLE PATTERN: 6-12
- 1-PIECE FLANGED GUSSETS PROVIDE ADDED STRENGTH AND DURABILITY TO FRAME

- SIDE RAILS: RECESSED FOR 10 MM FACE, 11/16 DIA, THREAD LOCK w/ STEEL BUSHINGS AND GASKETS INSTALLED.
- END RAILS: RECESSED FOR 10 MM FACE, 11/16 DIA, THREAD LOCK w/ STEEL BUSHINGS AND GASKETS INSTALLED. OTHER SIZES HAVE 11/16 DIA. HOLE WITHOUT BUSHING, BUT INCLUDE GASKET INSTALLED
- RECOMMENDED FORM OIL: WESTERN FORMS KLEENSTRIP, BLUE RIBBON, AND AQUA GREEN FORM RELEASE IS RECOMMENDED FOR ALUMINUM FACE FORMS. PLEASE REFERENCE TECHNICAL DATA SHEET FOR APPLICATION INSTRUCTIONS.
- SPECIAL NOTE: WHEN USED AS COLUMN FORMS, "U-COLLARS" MUST BE INSTALLED.



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NEW MILLENNIUM FORM

Alum-N-Ply™

Also Available with Composite Face Sheet

Lighter • Stronger • Casts Smooth Flat Walls



NOW AVAILABLE
3 Face Sheet Choices
2 Frame Choices

As Seen At
WORLD OF CONCRETE
2009



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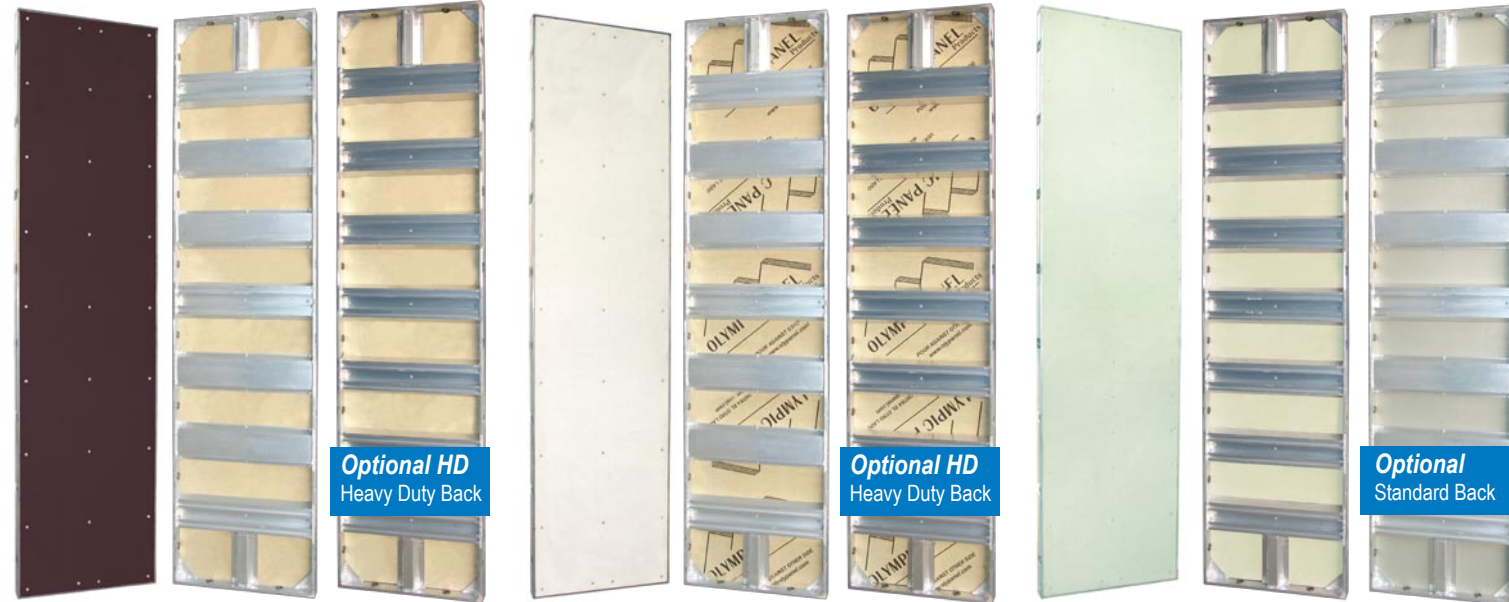
Forming
the Future
of Concrete

Western Forms

Alum-A-Ply™ Form Family

Choice of 3 Face Sheets with HD or Standard Frame

* Heavy Duty & Standard Frames, Not For Column Use



ProPly "ProFace"™ Standard Plywood

"Olympic" Optional Plywood

Heavy Duty • HD Composite

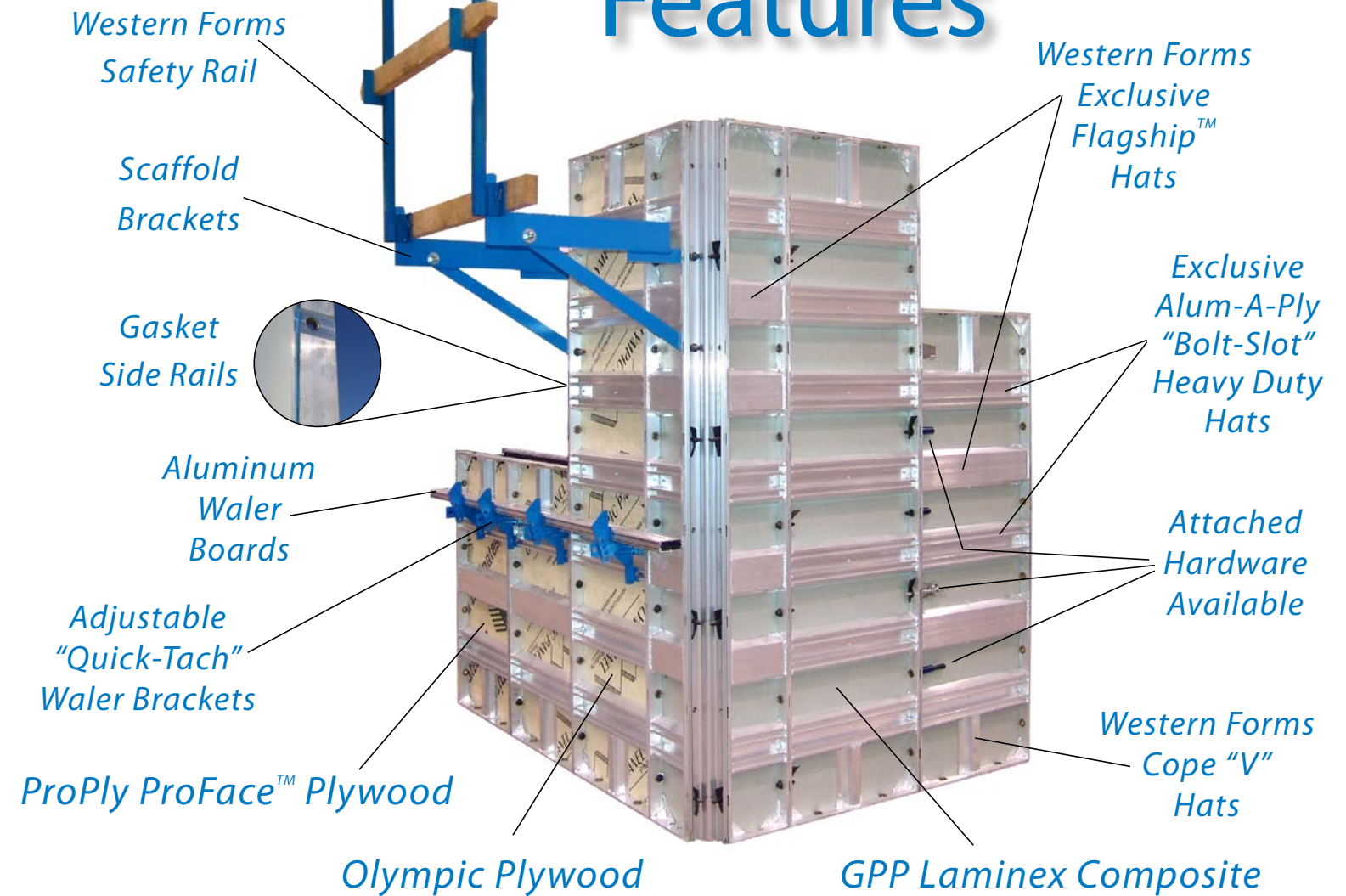
- Heavy Duty WF Exclusive Welds
- Safe Load Ratings Range: 1000 PSF to 2100 PSF
- Handset & Gangable
- Light Weight: 2 ft x 8 ft = 69 lbs
- Inset Face Sheets for Good, Tight Joints
- Nailable Surfaces
- Less Oiling Needed on Composite Face Sheet*
- 2.5" Heavy Side Rails
- Notched Side Rail for Ties
- Exclusive Gasket Side Rail
 - * Eliminates Concrete Buildup on Side Rails
 - * Clean, Sharp Form Seams
 - * Eliminates Concrete Leaks in Tie Slots
- Composite Face Does Not Absorb Water
- HD Composite Face:
 - * Over 600 Pour Cycles Reported
- Complete Filler & Corner System
- 1 - Piece Flange Corner Gussets:
 - * Prevents Rail Separation

- 6•12 Hole Pattern
 - * Matches Up to All Western Forms 6•12 Forming Systems
- Long Life Steel Bushings
- 2 Complete Tie Systems
 - * Standard Flat Ties
 - * Optional Taper Tie System
- Strong, Semi-Automatic, Self Spacing Long Term Investment for Long Term Use 8", 10", 12", 14", 16", 18" & Custom Widths
- Stackable for Ease of Transport
- Facilitates Quick-Tach Waler Brackets
 - * No Loose Parts
 - * Double as Gang Bracket
 - * Unique Adjustable Action For Easy Stripping

* Note: Western Forms recommends oiling all aluminum components and plywood forms for optimum form performance.

* Western Forms Also Offers Alum-A-Ply Column Forms by Special Order

System Features



Alum-A-Ply Column Forms with "U-Collar"

Exclusive Column Features
Bolt-on Chamfer Strips, Locking Hinges & Squaring Outside Corners available.



"U-Collar" for Column Applications

24" x 96" and 24" x 48" Composite Alum-A-Ply Column Forms as shown at World of Concrete 2009