

Primer/Sealer Plywood Siding Gives You a Head Start

New
V-groove
pattern



Durable plywood siding for homes, utility buildings and other outdoor projects.

- 3/8" wide V-grooves provide bold shadow lines, plus allow for easier paint coverage than traditional square grooves
- Primer/sealer provides added weather protection for the siding during normal construction cycles¹
- Uniform base for painting
- Pre-primed saves time for coating and finishing applications
- Edge coated to reduce water penetration and swell at panel edges
- Lightweight and easy to install
15/32" x 4' x 8' panels
- 25-year limited warranty²



¹ Approximately four weeks of normal exposed construction cycle

² See actual warranty for details

Plytanium® Plywood Siding with a Primer/Sealer

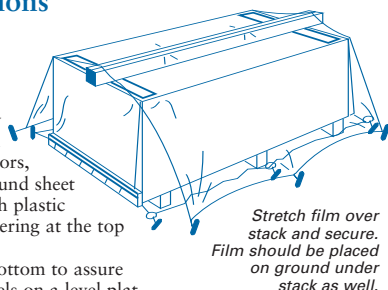
Georgia-Pacific Plytanium siding with a primer/sealer comes in a wide variety of attractive groove patterns and face textures, for both exterior and interior use. Plytanium siding is one of the most widely used siding materials because of its appealing real wood look, its ease of installation and its toughness. It is also used for interior paneling, fencing and soffits.

Plytanium siding with a primer/sealer is available from Georgia-Pacific in face grade classifications of APA 303-6-S/W. The face grade classification and span rating are indicated on the grade back stamp. Easy to install 4'x 8' panels are available in $\frac{1}{32}$ ", $\frac{15}{32}$ ", and $\frac{19}{32}$ " thickness. All Plytanium siding from Georgia-Pacific is rated with an exterior exposure durability classification.

Installation Instructions

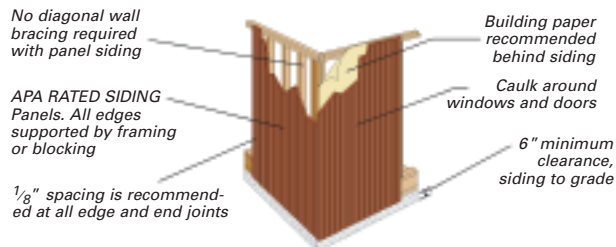
Care and Preparation

Plywood should be stored and handled with care to avoid damage before installing and finishing. Storage in a cool, dry place out of direct sunlight and weather is best. If stored outdoors, place the stack on a plastic ground sheet and cover the stack loosely with plastic sheets or tarps. Anchor the covering at the top of the stack, but keep it open and away from the sides and bottom to assure good air circulation. Stack panels on a level platform or on equal height bolsters or stringers which hold the panels off the ground. Use at least three full-width supports along the eight-foot length of the stack—one centered and the other 12 to 16 inches from each end.



Stud Spacing

The maximum recommended stud spacing (span rating) for application direct to studs or over non-structural sheathing is included in the grade stamp on the panel back. The span rating also applies to the spacing of the vertical rows of fasteners when panels are installed over structural sheathing appropriate for nail base.



Building Paper/House Wrap

Building paper may not be required by model building codes but is recommended when panels are installed over sheathing or direct to studs with shiplapped, caulked, flashed or batten covered joints.

Panel Joints

All panel edges must be backed by solid lumber framing or blocking. Space panel edges $\frac{1}{8}$ " to allow for slight expansion and contraction as weather changes. Panels are sized for this spacing. Georgia-Pacific $\frac{19}{32}$ " panel siding with a shiplapped eight-foot edge has a self-spacing feature built into the shiplap profile to facilitate spacing. Vertical joints require no caulking if shiplapped, backed by building paper or house wrap, or covered by battens. Horizontal joints should be flashed, shiplapped or overlapped. Caulk butt joints where panels intersect with inside and outside corner trim, window and door trim and vertical butt joints. In determining panel length, allow for a 1" lap over the top of the foundation wall, $1\frac{1}{2}$ " for covering the second top plate and a minimum 1" lap at horizontal joints if not butted and flashed.

Georgia-Pacific Siding Installation Table

Siding Description (a)	Span Rating (in.)	Max. Spacing of Studs or Vertical Rows of Nails over nail base (in.)		Nail Size (use box, casing or siding nails) (b) (c)	Nail Spacing (in.)	
		Long Dimension	Vertical		Panel Edges	Intermediate Supports
303 & Rated Siding Ext.	16 o.c.	16	24	6d for siding $\frac{1}{2}$ " thick or less; 8d for thicker siding	6(d)	12 (e)
	24 o.c.	24	24			

- Recommendations apply to all species groups for veneered APA Rated Siding, including APA 303 Siding.
- If panel siding is applied over foam insulation sheathing, use next regular nail size. Use non-staining box nails for siding installed over foam insulation sheathing.
- Hot-dipped or hot-tumbled galvanized steel nails are recommended for most siding applications. For best performance, stainless steel or aluminum nails should be considered. NOTE: Galvanized fasteners may react under wet conditions with the natural extractives of some wood species and may cause staining if left unfinished.
- For braced wall section with $\frac{1}{32}$ " or $\frac{3}{8}$ " panel siding applied horizontally over studs 24" o.c., space nails 3 o.c. along panel edges.
- Where wind velocities exceed 80 mph, nails attaching siding to intermediate studs within 10% of the width of the narrow side from wall corners shall be spaced 6" o.c.

Finishing Instructions

Edge Sealing

Moisture enters the end grain of plywood or other wood-based products faster than through the surface. Consequently, edges and ends of plywood siding panels should be coated. Although edge coatings are not necessarily moisture-proof or permanently durable, they help to minimize sudden changes in moisture content in the siding, due to weather.

Edge coating is easiest to accomplish while the panels are in a stack. Edges or ends cut during construction should be recoated. Siding panels to be finished with a solid color stain can be coated with a liberal application of the same solid color stain or paint. If the siding is to be painted, use the same paint that will be used on the panel surface. Horizontal edges, particularly lower drip edges of siding, should be given special care because of their greater wetting exposure.

Surface Preparation

Proper surface preparation is a must to assure optimum performance of finishes on any surface. Remove dirt and loose wood fibers with a stiff non-metallic bristle brush. Mildew may be removed with a solution of 1 part household bleach to 4 parts warm water. Be sure to rinse thoroughly with clean water after the application of the bleach solution. Allow to dry before proceeding with finish application. Do not mix bleach with cleaners containing ammonia as the mixture will produce toxic fumes. Wear rubber gloves and goggles when applying the solution.

Finishes should be applied within 30 days after installation of the siding. Apply finishes during favorable weather conditions. Finishes should not be applied when the outside air temperature is expected to drop below 50°F (10°C) within 24 hours for latex finishes, or 40°F (5°C) for oil based finishes. Always follow the finish manufacturer's recommendations. Wood surfaces should be clean and dry, although extremely dry surfaces should be dampened slightly when applying latex finishes. See the finish manufacturer's instructions for details.

Use only top quality finishes and equipment. Finishes should be applied according to the spread rates recommended by manufacturer. Textured surfaces typically require higher spread rates than smooth surfaces. The first coat should be applied by brush. If spray equipment is used to apply the finish, then the finish should be either back-brushed or back-rolled while it is still wet. Subsequent coats of finish may be applied by any conventional means.

Finish Types

Two finish systems are recommended for use on Georgia-Pacific rated plywood panel sidings: minimum one coat of opaque (solid colors) stains or acrylic latex topcoat paint systems. Two coats are recommended for best weathering performance. Semi-transparent stains should not be used on these siding grades.

Opaque (solid color) Stains

One coat of a high-quality oil base or latex opaque stain obscures differences in color between synthetic or wood repairs and the surrounding wood. The wood grain is also muted with opaque stains but wood surface textures usually remain evident under such a finish. When in question, a brush-out test should be performed on a representative sample to demonstrate the finished appearance. Follow the stain manufacturer's recommendations for application to primed plywood sidings.

Paints (acrylic latex)

If paint is used on textured plywood, an acrylic latex paint system composed of at least one coat of topcoat should be applied. A paint finish tends to mask the textured surface more than an opaque stain and obscures grain and color differences. On the other hand, a top quality 100% acrylic latex paint system will provide a more durable finish. Follow the topcoat manufacturer's recommendations for application to primed plywood sidings.

Note: These installation and finishing instructions are abbreviated and are not intended to cover every installation requirement. For more detailed information, refer to your local building code authority and the **APA Engineered Wood Construction Guide Form E30R**. This guide can be obtained from APA-The Engineered Wood Association, P.O. Box 11700, Tacoma, WA 98411-0700. Telephone (253) 565-6600.

Care and Handling Plytanium plywood products are certified by APA - The Engineered Wood Association. An EXPOSURE 1 interior panel is able to withstand limited exposure to elements during construction. An EXTERIOR panel is meant for interior or exterior applications and can be permanently exposed to weather when properly stored, handled, installed and finished. These products may support mold growth if exposed to certain conditions, including moisture, dampness, condensation, humidity, water or wet conditions. Mold, mildew, fungi, algae, moss, bacterial growth, decay, rot or similar conditions are not manufacturing or product defects and Georgia-Pacific assumes no responsibility or liability for such conditions, regardless of cause. Like all building products, proper storage, handling and installation are the responsibility of the user. For further information about wood storage and handling information visit www.gpplytanium.com. Please refer to your local building codes.

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