



Cellular PVC Trim

## Features, Functions and Benefits

### **Feature: In-house Blending & Extruding**

**Function:** Fypon Cellular PVC compound is blended and extruded in our own facility using state-of-the-art equipment. Unlike extruders who buy pre-blended PVC, over which they have little control, the Fypon compound is blended using our own formulation of resin, stabilizers, impact modifiers and ultraviolet radiation inhibitors. This allows us to guarantee the highest quality cellular PVC sheet and boards.

**Benefits:** PVC sheet and board that is consistent in density, color and size.

Controlled Titanium Dioxide content to prevent resin breakdown and maintain the white color and prevent yellowing.

Prevents voids, splits and warping to eliminate waste and provide maximum yield from each sheet or board.

### **Feature: Titanium Dioxide Content**

**Function:** Titanium Dioxide is a coloring pigment that gives Fypon PVC its brilliant white color. The pigment scatters and absorbs ultraviolet radiation from sunlight, converts it to heat and shields the organic polymer from degradation.

**Benefit:** Fypon PVC will retain its brilliant white color without the need to protect the surface with paint.

Exposed surfaces are not prone to chalking.

### **Feature: Water Repellant**

**Function:** The closed surface of the cell is a membrane of plastic, which sheds rain and condensation and is continuous through the board. The

interior of the board or sheet (made up of closed cells) will not absorb or hold water.

**Benefits:** Unlike wood, compressed fiberboard, or composite trim, Fypon PVC will not swell, rot or shed a painted surface due to water infiltration.

Fypon trim does not have to be painted to maintain its appearance and the product provides a low maintenance alternative to wood.

Fypon does not need to be shielded from the elements even if the core is exposed. Wood, Plywood, Compressed Fiberboard, Composite Trim and other materials must be protected prior to finishing. Even with proper installation, they can swell after installation. These materials need to be sealed if their core is exposed.

**Feature: Non-cellulose Material**

**Function:** Fypon PVC is made from cellular PVC and does not provide a food source for animals or insects.

**Benefits:** Trim and architectural millwork fabricated from Fypon PVC material will not be affected by carpenter ants, termites, carpenter bees or woodpeckers.

Fypon PVC does not provide a food source for mold and mildew.

**Feature: Easy to Clean and Maintain**

**Function:** Fypon PVC surface can be cleaned with soap and water.

**Benefits:** Fypon PVC does not need to be painted to provide an easy-to-clean surface.

Grease and stubborn substances can easily be removed with mineral spirits or acetone.

**Feature: Damaged Surfaces Can Be Repaired**

**Function:** Nicks, scratches or dents can be repaired with Bond & Fill™ epoxy. Broken boards can be repaired with Bond & Fill™ or Genova™ PVC adhesive.

Benefits: Damaged Fypon material can be repaired, which eliminates waste and the cost of replacing material.

**Feature: Easy to Cut or Fabricate**

Function: Having a density similar to Pine, Fypon PVC can be ripped to size with a table saw or circular saw using a blade that is designed for wood or plastic. Shaped edges can be machined using a hand router. Carbide router bits and saw blades are recommended.

Benefits: Special equipment or saws are not required.

Sheets or boards can be fabricated at the job site or in fabrication shop with equal ease.

Fypon PVC can be made into a variety of maintenance-free trims. Configurations including soffit, fascia, rake boards, battens, pilasters, door and window trim, frieze boards, and a variety of architectural millwork.

**Feature: Can Be Installed with a Variety of Fasteners**

Function: Stainless steel or hot-dipped, galvanized screws and hot-dipped galvanized nails are recommended for fastening Fypon PVC material to structural substrates. Screws will not mushroom or cause splits close to the edge of the material as wood or composite boards can.

Benefit: These types of fasteners help to provide long lasting low-maintenance assembly.

**Feature: Glued Joints**

Function: Joints between boards and sheets can be bonded with Fypon PVC adhesive to prevent the separation of joints. Fypon PVC will expand and contract like lumber but joint separation can be eliminated by gluing the joints.

Benefits: The adhesives used to bond Fypon PVC are readily available in home centers or hardware stores.

Bonding mitered corners eliminates unsightly gaps and call-backs.

Tight joints provide a quality appearance and eliminate the need for

gap-filling caulk.

Joints that do not separate helps provide a low-maintenance exterior.

**Feature: Fypon PVC Sheet Stock**

Function: Available in 5/8", 3/4" and 1" thicknesses, sheet stock can be used for a variety of trim applications and architectural millwork on homes, marinas and many commercial projects where low maintenance and long lasting good looks are the parameters.

Benefits: Fypon PVC can be used to cover, protect and improve large areas with minimum joints.

Fypon has no voids, knots or splits which can lead to waste and an unsightly appearance.

No need to finish- saves on material cost. If painting is desired, one coat will be sufficient.

Specialty shaped window and door trim can be job-site fabricated without the need for expensive heating and bending equipment.

Available in smooth or wood grain surfaces. If one side becomes damaged the other side is still usable. This eliminates waste and jobsite delays.

**Feature: Fypon PVC Boards**

Function: Trim boards are available in standard lumber thicknesses with smooth or deeply wood grained surfaces. Fypon PVC boards are a direct replacement for wood trim.

Benefits: Fypon PVC will not rot or deteriorate from exposure to salt or moisture, which makes it the perfect material for coastal applications and wet climates.

Moisture will not transfer through the board, which can cause a painted surface to flake or delaminated.

Surface is less porous than wood and requires less paint.

Uniform and high definition wood grain pattern provides repeatable results and provides a quality appearance.

### **Feature: Fypon PVC Corner Boards**

Function: Preassembled corner boards can be used to add visual appeal to any home. The corner boards are available in 4" x 4" x 10' and 6" x 6" x 10' configurations. The corner boards are joined with an interlocking miter joint which provides a long glue joint and exceptional strength. Corner boards are used to cap the corners of homes and to provide a finishing trim for the ends of siding. Available in smooth or wood grain surfaces.

Benefits: Preassembled corners eliminate the need for on-site assembly.

Full 1" thick boards provide a cap and reveal even when ¾" thick or thicker siding is used.

Great for fiber cement siding- can be painted to match or contrast with siding.

### **Feature: Fypon PVC Bead Board**

Function: ½" thick Fypon PVC bead board is pre-machined with a surface v-groove and tongue and groove on the edges can be interlocked creating a low-maintenance wall covering or soffit.

Benefits: Can be used for porch ceiling without the need for painting.

When used for wainscoting in high traffic areas it is impervious to water and easy to clean.

In ceiling and soffit applications it deters carpenter ants and bees.

### **Feature: Fypon PVC's Surface Can Be Painted**

Function: The surface of Fypon PVC can be painted to match or contrast with siding or other elements of the home.

Benefits: Fypon PVC can add to the aesthetics of the home when painted to blend with the overall color scheme. Fypon PVC surface is non-absorbent so less paint is needed, which saves time and money.

**Feature: Limited Lifetime Warranty**

Function: Warrants Fypon PVC material to be free from defects in material and workmanship under normal use.

Benefit: Fypon PVC products can be used with confidence knowing that the material is backed by Fypon, Ltd.

Fypon, Ltd. Marketing Team

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