

Vi-Lux cellular pvc mouldings

www.vi-lux.com

Quality. Service. Value.

Committed to the environment, health,
safety, and sustainability.



Our offer runs deeper than great product.

We manufacture and market maintenance-free cellular PVC products for use in housing and light industrial construction applications across North America.

We start by offering a product line that simplifies life for builders and their customers. All Vi-Lux products are made with virgin materials and our methods of product distribution and customer service are designed to exceed accepted industry standards.

The Vi-Lux triple promise – ever-improving product, extremely attentive customer service and competitive pricing – continues to win over customers across North America.

ABOUT US

Vi-Lux Mouldings Inc. is a manufacturer of cellular PVC products located in Napanee, Ontario, Canada.





















For more than 20 years, Vi-Lux Mouldings Inc. has continued to focus on products for the building materials industry, as well as manufacturing components and custom profiles for the window and door industry.





















As cellular PVC millwork continues to grow as the preferred alternative to wood in many building applications – because of its ability to resist the elements and its cost effectiveness – so do we. We are dedicated to delivering the best product and customer service at great prices, and our company is set for continued growth in this expanding market.

Vi-Lux Mouldings Inc. delivers consistent high-quality, a broad product variety and, working together with our customers, just-in-time delivery to meet all their needs. Customers count on our continuous product and process development to produce products consistent with ever-evolving consumer demands.

So, welcome to the Vi-Lux world. We are building our company on the foundations of superior products and outstanding service so you can build your own enterprise with total confidence.



	Crown 500 11/16" x 5-14"		Flat Brick Mould 1-1/4" x 2"
	Crown 45 9/16" x 5-1/4"		Flanged Brick Mould 1-1/4" x 3"
	Crown 47 11/16" x 4-5/8"		J-Channel Brick Mould 1-1/4" x 3"
	Crown 49 11/16" x 3-5/8"		Florida Brick Mould 11/16" x 1-5/8"
	Crown 49 Scant 9/16" x 3-5/8"		Transom Mull 1-1/16" x 1-1/2"
	Rams Crown 1-13/64" x 2"		Lattice 1/4" x 1-1/2"
	WM-75 Bed Mould 9/16" x 1-5/8"		Bead Board 5-1/8" x 1/2" Smooth or Embossed
	Back Band 1-11/32" x 1-13/32"		Masonry Frame 2" x 6" Smooth or Embossed
	Back Band Casing 1-3/16" x 4-1/2"		Double Door Astragal 1-3/8" x 3-5/16"
	Grooved Brick Mould 1-1/4" x 2"		Patio Door Astragal 1-3/8" x 4-1/8"

















	WM-105 Quarter Round 3/4" x 3/4"		1.25 Inside Corner 1-1/4" x 1-1/4"
			
	WM-197 Drip Cap 11/16" x 1-5/8"		Sill Nose 1-3/8" x 1-5/8"
	WM-210 Shingle Mould 11/16" x 1-5/8"		Sill 1-1/4" x 5"
			Attic (Gable) Vent Louver 11/16" x 3-1/2"
			
	RB3 Casing 1-7/64" x 3-7/16"		4-9/16 Door Frame 1-1/4" x 4-9/16" Smooth or Embossed
	WM-356 Casing 11/16" x 2-1/4"		6-9/16 Door Frame 1-1/4" x 6-9/16" Smooth or Embossed
	WM-623 Baseboard 9/16" x 3-1/4"		Re-Inforced Door Frame 1-1/4" x 4-9/16" Smooth or Embossed
	3.5 Outside Corner 3-1/2" x 3-1/2" Smooth or Embossed		Re-Inforced Door Frame 1-1/4" x 6-9/16" Smooth or Embossed

Interior millwork

 <p>WM-105 Quarter Round 3/4" x 3/4"</p>	 <p>A-30 Burlap 1/4" x 1-1/2"</p>
 <p>A-18 Quarter Round 5/8" x 5/8"</p>	 <p>WM-164 Base Cap 11/16" x 1-1/8"</p>
 <p>A-8 Cove 3/4" x 3/4"</p>	 <p>WM-197 Drip Cap 11/16" x 1-5/8"</p>
 <p>A-12 Outside Corner 3/4" x 3/4"</p>	 <p>WM-210 Shingle Mould 11/16" x 1-5/8"</p>
 <p>A-14 Door Stop 3/8" x 1-1/4"</p>	



Interior millwork





















	A-1 Regular Baseboard 5/16" x 3-1/8"		Crown 47 11/16" x 4-5/8"
	A-2 Colonial Baseboard 7/16" x 3"		
	A-35 Century Baseboard 9/16" x 3-1/4"		Crown 49 Scant 9/16" x 3-5/8"
	Shingle Rake 3/4" x 3-1/8"		WM-75 Bed Mould 9/16" x 1-5/8"
	Bead Board 1/2" x 5-1/8" Smooth or Embossed		A-45 Bed Mould 3/8" x 1-5/8"
	WM-287 Rake 1-1/16" x 2"		A-3 Colonial Casing 1/2" x 2"
	Rams Crown 1-13/64" x 2"		A-40 Century Casing 11/16" x 2-1/4"
	Crown 45 9/16" x 5-1/4"		A-6 Classic Casing 9/16" x 2-3/4"
			RB3 Casing 1-7/64" x 3-7/16"

Shutter components

 <p>2.5 Louver Slat 3/8" x 2-1/2"</p>	 <p>3.5 Louver Slat 3/8" x 3-1/2"</p>
 <p>Divider Board 3/4" x 3"</p>	 <p>Headrail 3/4" x 4-1/2"</p>
 <p>Frame 1-3/8" x 2-1/8"</p>	 <p>Tilt Rod 1/2" x 9/16"</p>
 <p>Inner Stile 7/16" x 3/4"</p>	 <p>Rabbeted Stile 1-1/8" x 2-5/16"</p>
 <p>Regular Stile 1-1/8" x 1-13/16"</p>	














Windows and Doors

	Grooved Brick Mould 1-1/4" x 2"		1.25 Inside Corner 1-1/4" x 1-1/4"
	Flat Brick Mould 1-1/4" x 2"		Sill Nose 1-3/8" x 1-5/8"
	Flanged Brick Mould 1-1/4" x 3"		Sill 1-1/4" x 5"
	J-Channel Brick Mould 1-1/4" x 3"		Masonry Frame 2" x 6" Smooth or Embossed
	Florida Brick Mould 11/16" x 1-5/8"		WM-210 Shingle Mould 11/16" x 1-5/8"
	Transom Mull 1-1/16" x 1-1/2"		WM-197 Drip Cap 11/16" x 1-5/8"
	Back Band 1-11/32" x 1-13/32"		WM-164 Base Cap 11/16" x 1-1/8"
	Back Band Casing 1-3/16" x 4-1/2"		Double Door Astragal 1-3/8" x 3-5/16"
	Patio Door Astragal 1-3/8" x 4-1/8"		4-9/16 Door Frame 1-1/4" x 4-9/16" Smooth or Embossed
	3.5 Trim Board 29/32" x 3-1/2" Smooth or Embossed		6-9/16 Door Frame 1-1/4" x 6-9/16" Smooth or Embossed



Windows and Doors

	Re-Inforced Door Frame 1-1/4" x 4-9/16" Smooth or Embossed		A-3 Colonial Casing 1/2" x 2"
	Re-Inforced Door Frame 1-1/4" x 6-9/16" Smooth or Embossed		A-40 Century Casing 11/16" x 2-1/4"
	A-14 Door Stop 3/8" x 1-1/4"		A-8 Cove 3/4" x 3/4"
	RB3 Casing 1-7/64" x 3-7/16"		Shingle Rake 3/4" x 3-1/8"
	WM-105 Quarter Round 3/4" x 3/4"		A-8 Cove 3/4" x 3/4"
			WM-105 Quarter Round 3/4" x 3/4"

Vi-Lux Trimboard Products

Vi-Lux trimboards are perfect for any trim application, including fascia, rake, corner and frieze boards, decorative trim and columns, soffits, window and door surrounds.

Unlike wood, the dimensions of Vi-Lux trim are consistent from piece to piece, and it does not warp, cup, or bow.

Vi-Lux trimboards and sheets are available in a variety of sizes and in a reversible smooth / smooth or wood grain / smooth white finish.

Vi-Lux sheets can be used for large installations like soffits, bay windows, raised panels, dormers or anywhere where there is a need for a smooth, low-maintenance flat surface. Sheets are available in a smooth / smooth white finish.

Vi-Lux one piece corners provide a finished look and speedy installation. Ready to install corners are available in both 10 ft and 20 ft lengths and in smooth and wood grain white finishes.

VI-LUX SHEETS

Item Dimensions	Sheets Per Unit
5/8 x 48 x 18	26
3/4 x 48 x 18	24
1 x 48 x 18	16
1 x 48 x 20	16
3/8 x 48 x 120	40
1/2 x 48 x 120	40
5/8 x 48 x 120	26
3/4 x 48 x 120	24
1 x 48 x 120	16
3/8 x 48 x 96	40
1/2 x 48 x 96	40
5/8 x 48 x 96	26
3/4 x 48 x 96	24
1 x 48 x 96	16

VI-LUX CORNER TRIM

Item Dimensions	Pieces Per Unit
3/4 x 4 x 10	154
3/4 x 5-1/2 x 10	110
5/4 x 4 x 10	48
5/4 x 4 x 20	48
5/4 x 5-1/2 x 10	48
5/4 x 5-1/2 x 20	48

VI-LUX TRIMBOARDS

Item Dimensions	Unit Width Rows	Unit Height Courses	Pcs Per Unit
5/8 x 3 x 18	12	26	312
5/8 x 5 x 18	8	26	208
5/8 x 7 x 18	6	26	156
5/8 x 9 x 18	5	26	130
5/8 x 11 x 18	4	26	104
3/4 x 3 x 18	12	24	288
3/4 x 4 x 18	10	24	240
3/4 x 5 x 18	8	24	192
3/4 x 7 x 18	6	24	144
3/4 x 9 x 18	5	24	120
3/4 x 11 x 18	4	24	96
1 x 3 x 18	12	16	192
1 x 4 x 18	10	16	160
1 x 5 x 18	8	16	128
1 x 7 x 18	6	16	96
1 x 9 x 18	5	16	80
1 x 11 x 18	4	16	64
1 x 3 x 20	12	16	192
1 x 4 x 20	10	16	160
1 x 5 x 20	8	16	128
1 x 7 x 20	6	16	96
1 x 9 x 20	5	16	80
1 x 11 x 20	4	16	64

PROPERTY COMPARISON

Property	Vi-Lux Trim Products	Wood	Engineered Trim
Absorbs water	No	Yes	Yes
Resists rot	Yes	No	No
Insect proof	Yes	No	No
Withstands direct contact with moisture	Yes	No	No
Required distance above grade	0%	8	6
Acceptable for direct contact with masonry	Yes	No	No
Required distance from edge for face nailing	1/4	1/4	1/4
Predrill needed to avoid splitting when edge nailed	No	Yes	Yes

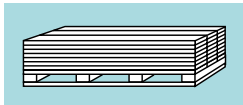
Installation and maintenance



SAFETY



Obey all safe-work practices, including wearing safety boots, goggles and construction helmets. When cutting or sanding product, wear a mask to avoid inhaling dust. Ensure adequate ventilation when gluing, caulking or painting. Follow all manufacturer s recommendations and warnings.



PRODUCT STORAGE

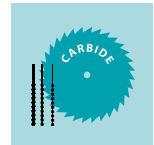
Vi-Lux products are more flexible than wood, so it may conform to uneven surfaces, particularly in warm weather. Store Vi-Lux mouldings and trim up off the ground on a flat, level surface. Product stored outside should be covered to keep the product clean. If it does get dirty, clean after installation. Vi-Lux mouldings and trim should be stored away from direct sunlight and high temperatures.

CUTTING, BONDING AND FASTENING

Cutting

Vi-Lux mouldings and trim can be cut using standard woodworking power tools. Keep blades sharp for

best results. If clamping when cutting, use blocks to avoid marking the products. Best results are obtained using saw blades designed for cutting wood or plastic. A 32-tooth carbide-tipped blade is recommended with circular saws. To maintain a smooth edge, support the trim across its entire length when you cut it.



Drilling

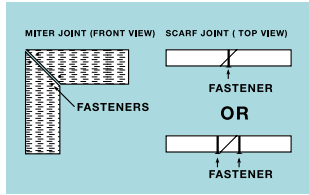
You can drill Vi-Lux mouldings and trim with standard woodworking drill bits. Do not use bits made for rigid PVC. Avoid heat buildup from excessive friction, and remove the shavings from the drill hole frequently.

Routing

For crisp, clean edges, use a carbide-tipped bit on a router.

Bonding

Gluing Vi-Lux products to Vi-Lux products or other PVC: Never use adhesives alone to fasten Vi-Lux



mouldings and trim to a substrate. However, to bond joints such as corners, window surrounds, and long

fascia runs, use products such as Gorilla PVC or Bond & Fill .

Gaps

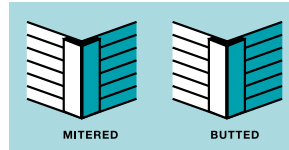
The amount of gap required depends on various factors; the length of the piece being installed, the overall range of temperatures experienced over the year, exposure to the sun, and the temperature at the time of installation. When installing longer pieces in cold weather (25 to 55 F), leave a gap of about 1/8 per 12 length. (For shorter pieces the gap can be less). In warmer weather (75 F or over), do not leave a gap, providing the product is warm when applied.

Seal Joints and Gaps

To prevent joint separation, fill all joints (whether butted tight or with a gap) with a urethane acrylic sealant (which expands and contracts at the same rate as the product). Two recommended products are Pro-Series Quad Window, Siding, Gutter & Roof Sealant from OSI (www.osiproseries.com), and Bond & Fill Structural Adhesive & Filler (www.bondfill.com). When sealing a butt joint, apply sealant only to one butt end, and apply to the front half of the butt end only, so the sealant can expand back into the joint. Ensure good contact between the sealant and the two butt ends. Touch up irregular areas with additional sealant, and tool normally.

Adhesives

Ensure all surfaces to be glued are smooth and clean. Use exterior-grade, PVC compatible, urethane-based adhesives. Two recommended products are

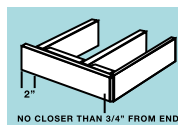
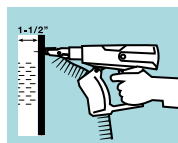


Pro-Series Quad Window, Siding, Gutter & Roof Sealant from OSI (www.osiproseries.com), and Bond & Fill Structural

Adhesive & Filler (www.bondfill.com). When fastening to PVC substrates, use white PVC gutter cement; note that PVC gutter cement tends to turn yellow over time outdoors, so it should not be used in visible applications. AVOID using silicone-based adhesives. Clamping or other mechanical fastening is recommended to hold product in place while adhesive cures. For all adhesives, follow the adhesive manufacturer's recommendations.

Bonding to other surfaces: Vi-Lux mouldings and trim can also be bonded to a variety of substrates. Specific substrate combinations require specific adhesives: contact cement, epoxy, rubber-based adhesives, or urethane-based adhesives. Ensure to use appropriate cement for each substrate. Always follow the adhesive manufacturer's instructions, and check the bond on a test piece before proceeding with the installation.

Fastening



For longer lengths of product, begin at one end and work to other end or at middle and fasten outwards. NEVER fasten from both ends toward the middle, which can create stress and expansion problems. Fasten at 16 intervals along the length, and keep nails and screws at least 3/4 from ends and edges to avoid splitting. Fastener heads should be flush with the surface of the trim or slightly indented and no closer than 3/4 from the end of the board.

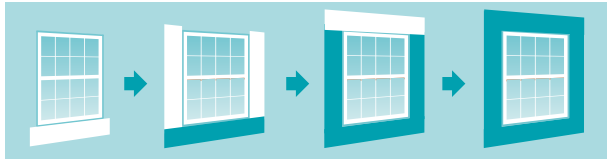
Nails

Use corrosion-resistant, smooth-shank, screw, annular-threaded or spiral type nails, at least 6d in size (shank diameter of 0.090), and long enough to penetrate substrate by at least 1.5 . AVOID large-head nails and ring-shank nails due to excessive heat during fastening. When installing, nail flush to avoid the need for finishing holes. In cold weather (below 32 F), pre-drilling is recommended to avoid cracking. If using a power air nailer, adjust the length of stroke (not the air pressure) to control nail depth.

Screws

Use standard, flat-head, stainless steel wood screws, at least #6, long enough to penetrate substrate by at least 1 . Use drill bits designed for wood or metal. Slightly countersink screws and finish holes.

WINDOW AND DOOR TRIM



Cladding and trim are not meant to be watertight barriers. Before you install any cladding materials or trim, flash all openings so that they shed water to exterior of the cladding and trim materials.

1. Install flashing along the bottom of the opening. The width of the flashing must extend beyond the width of the trim being installed. Be sure the bottom flashing is long enough to direct water over the cladding material.
2. Install flashing along each side of the opening. Be sure to overlap the bottom flashing. The width of the flashing must extend beyond the width of the trim being installed.
3. Install the top flashing by overlapping the tops of the side flashing.
4. To install the trim, miter the joints and use a PVC

adhesive to adhere the joints. Fasten the trim to the substrate on both sides of the miter. Use at least two fasteners per board.

5. For best results, create a scarf joint by cutting a taper on the end of the trim pieces. Gluing the joints between the trim pieces will help eliminate separation caused by expansion and contraction. Place fasteners either through the scarf joint or on both sides of the scarf joint. This will help minimize expansion and contraction.

BENDING

Vi-Lux mouldings and trim can be easily bent to accommodate curved applications. Convection air-circulating ovens, strip heaters or radiant heaters can be used. Apply heat evenly to all sides until product is flexible. Oven times will vary depending on the size and density of the profile.

To bend Vi-Lux mouldings and trim

1. Control the temperature of the surface and the amount of time the material is heated the surface temperature should not exceed 300 F for more than 10 minutes.
2. To guarantee uniformity, gradually increase the temperature and heat all sides of the material simultaneously.
3. In general, heating time is about 3 minutes for each of thickness of material. When the trim shape is irregular or the heat is not uniform, heating times may be longer. Heating times will also differ depending on oven design.
4. Apply the heat evenly until the trim becomes flexible and easy to form.
5. Take care not to overheat the material, as overheating can produce a rough texture and discoloration.
6. When you bend textured cellular PVC, the wood grain may distort depending on the radius of the bend.



7. Once the moulding/trim is heated, remove and put into a fixture or a jig to hold the finished shape while cooling is taking place. Cooling can be accomplished with fans or compressed air.

Expansion and Contraction

Cellular PVC may expand or contract due to changes in temperature. You should allow for this movement when fastening Vi-Lux mouldings and trim. You can minimize the movement of PVC trim by observing proper fastening techniques along the entire length of the trim.

- Allow 1/8" per 12" length of product for expansion and contraction (1/16" at each end).
- Scarf joints work well to minimize seams and allow expansion and contraction.
- Gluing the joints (such as butt joints) will help eliminate separation caused by expansion and contraction.

FINISHING AND PAINTING

Vi-Lux exterior mouldings and trim come with factory applied VI-GUARD coating in natural white and do not require painting for protection.



If you want to paint it a custom colour, follow these important guidelines:

- As with any surface to be painted, the trim must be clean, dry and free of chalk, grease, oil, dirt and mold or mildew.
- Apply a 100% acrylic latex paint with an LRV (light reflecting value) of 55 units or higher. (Generally, the higher the LRV, the lighter the colour. The LRV of a particular colour should be listed next to the colour

on your paint dealer's colour chart).

- For paint colours with an LRV of 54 or lower, you must use a paint that has been specifically developed for application on PVC. Sherwin-Williams VinylSafe Technology is available in their SuperPaint Exterior and Duration coatings.
- In every case, follow the paint manufacturer's recommendations for use and application of the paint.
- Due to the extended cure times of paint applied to PVC cellular trim, we recommend installing Vi-Lux mouldings and trim first and then painting it unless the trim is painted in a professional prefinishing operation and allowed to cure completely.

CLEANING AND MAINTENANCE:

Vi-Lux mouldings and trim can usually be cleaned with a hose, brush and an ordinary detergent, household cleaner or glass cleaner such as Windex or Fantastic All-Purpose. For scratches, gently sand out with very fine sandpaper (at least 220 grit), then fill with caulking or filler.



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