

PVC TRIM SPECTS



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Quality, aesthetics & performance. Are our standards. With more than 15 years of experience in the construction and manufacturing industry, Crown has established a reputation for innovation, craftsmanship, and reliability.

Designed & engineered to be both beautiful and resilient, our products are carefully designed to combine the timeless beauty of natural wood with the advanced performance of modern cellular PVC technology. This allows architects, builders, and homeowners to achieve stunning exterior finishes without the maintenance concerns associated with traditional materials.

Pre-finished. We offer all our products pre-finished in a variety of colors, using our proprietary **Crown** Pro-Tech solar-reflective paint-and-stain finish system for exceptional beauty, product integrity, and longevity.

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Advantages



Lightweight

Easy to work with &
Superior stability



Workability

Easy to cut & safe
0% harmful silica sand



UV Resistant

True white color
Slow outdoor aging



Weather Resistant

Rot resistant
Moisture resistant



Insect Resistant

Great for outdoor
Safe for ground contact



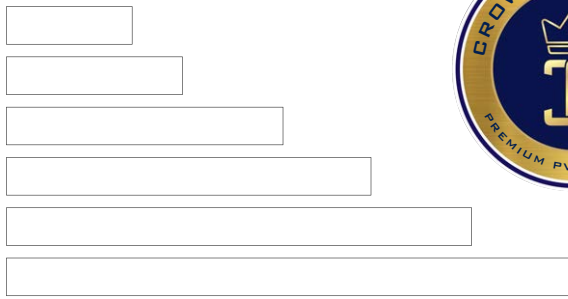
Self extinguishing

Meets ASTM E84
Class A

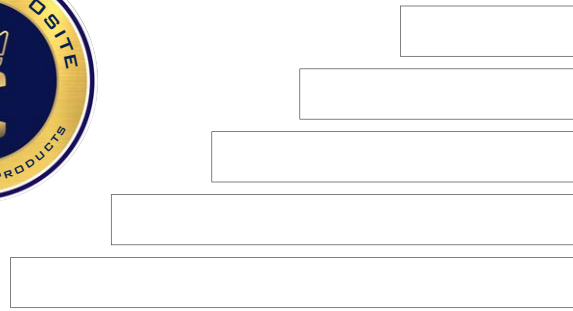
CROWN PVC PRODUCTS are made of 100% cellular PVC for non-structural applications.

Standard uses include corner boards, soffits, fascias, battens, door pilasters, column wraps, rake boards, architectural millwork, and window/door trim.

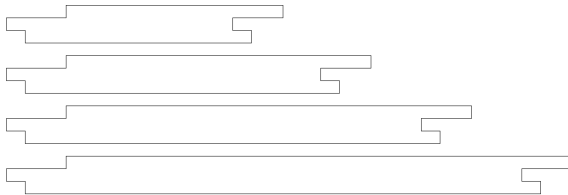
Test	Test method	Unit	Typical Property
Density	ASTM D792	g/cm3	0.55
Shore Hardness	ASTM D2240	D	45-78
Water Absorption	ASTM D570	%	0.18
Impact Strength	ASTM D256	KJ/M2	>16
Tensile Test	ASTM D638-14	Psi	808
Elongation at Break	ASTM D638-14	%	9.8
Izod Notched Impact Strength	ASTM D256-10	ft.lb/in	0.1
Screw Holding	ASTM D1761	N	> 950
TVOC	ASTM D5116-2010	mg/m2/hr	0.0315 passed
Fire behavior	USA: UL-94	--	V-0
Toxic Fumes during burning	BS 6853:1999	R	<0.3 passed
RoHs	2011/65/EU Annex II	mg/kg	ND passed



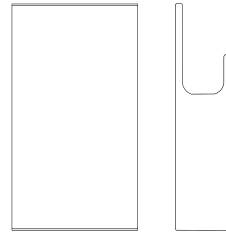
Trim Boards
1"x 3" to 1"x 12"



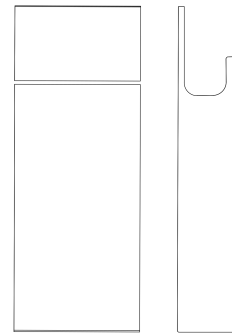
Trim Boards
5/4"x 4" to 5/4"x 12"



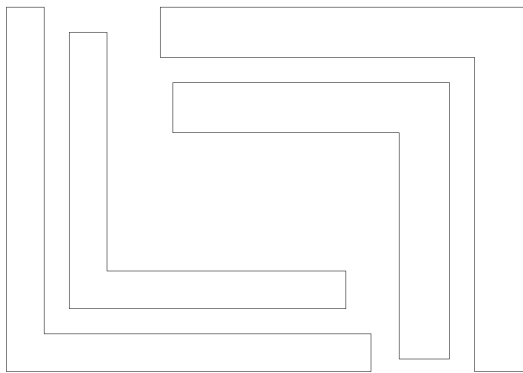
Shiplap
1"x 6" to 1"x 12"



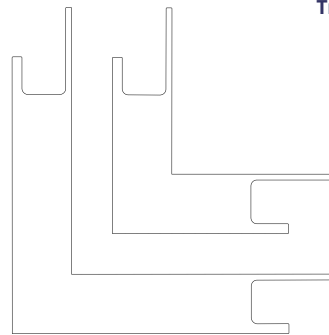
Trim Board with J-Channel
5/4"x 4"



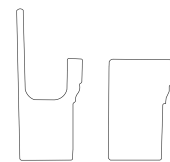
Trim Board with J-Channel
5/4"x 6"



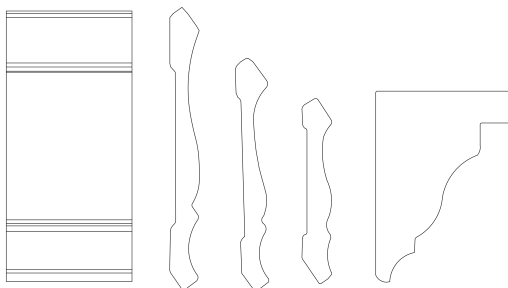
Corners
1"x 6" & 1"x 8"



Corners
5/4"x 6" & 5/4"x 8"



Corners with J-Channel
5/4"x 6" & 5/4"x 8"



Crown Profiles
3-5/8" to 5-5/8"



Solid Crown
2-5/8"x 3-3/4"



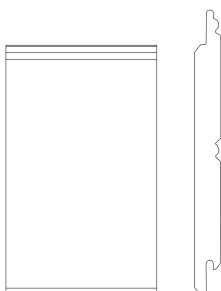
Rams Crown
1-7/16"x 2"



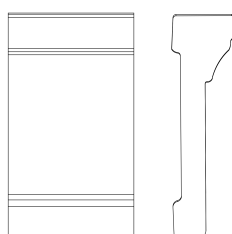
Bed Moulding
9/16"x 1-5/8"



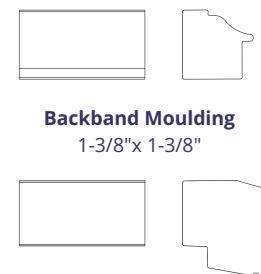
Backband Moulding
1-3/8"x 1-3/8"



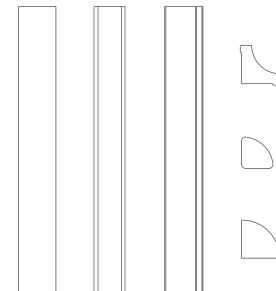
Reversible Beadboard
1/2"x 5-1/2"



Backband Casing
1-3/8"x 4-1/2"



Historic Sill
1-3/4"x 2"



Detail Profiles
5/8" & 3/4"

Rake Moulding
1-1/16"x 2"

Base Cap
11/16"x 1-1/8"

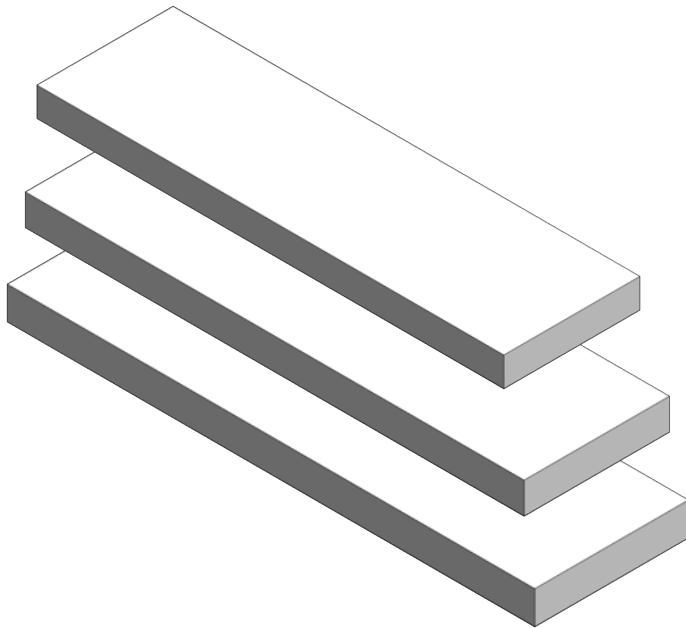
TRIM & MOULDINGS

CUTTING

- Use standard woodworking equipment for cutting.
- Carbide-tipped blades are recommended.
- Avoid using fine-tooth metal cutting blades.
- Rough edge from cutting may be caused by excessive friction, poor board support, or improper tooling.

DRILLING, ROUTING and HEAT BENDING

- Use standard woodworking drills and routers.
- Care should be taken to avoid frictional heat build-up.
- Periodic removal of shavings from the drill hole may be necessary.
- If nailing products at 32° F or below, pre-drilling is required.
- Optimal temperature for heat bending is between 260° and 275° F. Temperatures exceeding 275° F may cause discoloration.



Trim board thickness
Dimensional 1" (actual 3/4")

Available sizes
1"x3"x18' to 1"x16"x18'
Custom width available

Trim board thickness
Dimensional 5/4" (actual 1")

Available sizes
5/4"x4"x18' to 5/4"x16"x18'
Custom width available

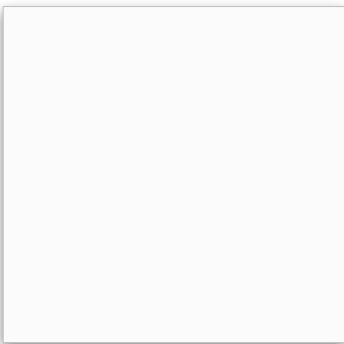
CROWN TRIM BOARDS SURFACE TEXTURES

Crown Composite flat trim boards come in four distinctive surface textures.

1. Smooth is the industry standard and the most used trim board
2. Sanded texture adds a rustic industrial look, adding depth and contrast
3. Brushed texture brings a new level of aesthetic, showcases deep grooves, and adds realistic shadows that perfectly mimic the charm of true rustic wood!
4. Wood grain texture replicated the natural feel and texture of real wood

White trim boards textures

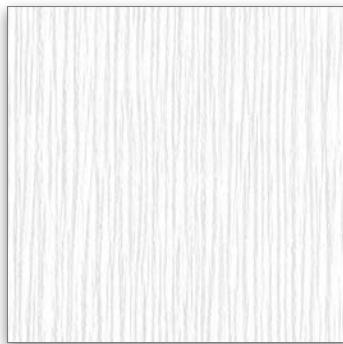
1. Smooth



2. Sanded



3. Brushed



4. Wood grain

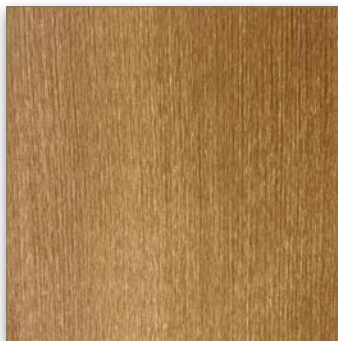


Stained trim boards textures

1. Smooth



2. Sanded



3. Brushed



4. Wood grain



When using Crown PVC trim boards, there are endless possibilities to achieve the result you are looking for. Whether you are using Crown trim boards, either unfinished or pre-finished, you can trust that our products will meet and exceed your expectations.



FASTENING

- Use standard nail guns/wood working tools.
- Stainless steel or hot-dipped galvanized nails/screws are recommended.
- Do not use brads, staples, wire nails or fine-threaded wood screws.
- Place nails and screws on center of board and keep approximately $\frac{3}{4}$ " from each edge.
- Fasteners should penetrate into flat, solid wood substrate or framing member a minimum of 1- $\frac{1}{2}$ "
- If nailing product at 32°F or below, pre-drilling may be required as necessary
- Pre-drilling and/or counter-sinking are typically not required unless a larger fastener is used.
- 2 fasteners @ 16" on center are recommended for trim board applications. Trim boards 12" or wider, as well as sheets, will require additional fasteners not to exceed 12" on center.
- Fasteners must be installed within 2" of the end of each board.

Trim Board Width	Fasteners Per Stud
4" to 6"	2 (1 top, 1 bottom)
8" to 12"	3 (top, middle, bottom)
14" to 16" and wider	4 (evenly spaced)

EXPANSION & CONTRACTION

- CROWN Trim boards expand and contract with changes in temperature. Allow $\frac{1}{4}$ " space per 18 feet for expansion and contraction. Joints between pieces should be glued to eliminate joint separation
- Properly fastening Trim boards along the entire length will minimize expansion and contraction.
- $\frac{3}{8}$ " and $\frac{1}{2}$ " sheet product is not intended to be ripped into trim pieces. These profiles must be glued to a substrate and mechanically fastened.
- When gaps are glued on a long run of the board, allow suitable expansion and contraction space at ends of the run.
- Scarf joints are recommended to minimize seams and allow expansion and contraction.

- Construction adhesive is recommended to reduce expansion and contraction between trim and substrate.
- INSTALLATION CONDITIONS AND FINISH COLOR WILL AFFECT THERMAL EXPANSION AND CONTRACTION CONDITIONS

Room temperature	Gap
35°F and below	1/4"
36-60°F	1/8"
61-90°F	1/16"
90°F and above	Lightly butted

GLUING/TOUCH UP

- For the best result, use Extreme Adhesives to glue all joints between trim pieces such as long fascia runs, window surrounds, etc., to prevent joint separation.
- Glue joints should be secured with fasteners on both sides of the joint, at 2 inches from the end cut.

STORAGE AND HANDLING

Store on a flat and level surface.

Should be handled in a fashion as pine, because it has a density comparable to pine with more flexibility.

Keep product free of dirt and debris

CLEANING

- Clean with a damp cloth, mild detergent, and soap and water.
- CROWN PVC Trim boards may be cleaned with denatured alcohol. Other household cleansers may be used but should be tested in an inconspicuous area before use.

HEAT BENDING

- CROWN PVC Trim can be easily heated and bent into a variety of shapes. Some specific tools and equipment are required when bending CROWN PVC Trim. These include hot-air circulation ovens, band heaters, heating blankets, and radiant heaters. Determining which equipment is right for your project depends on the shape, area, thickness and quantity.
- Bent material must be evenly headed.
- We recommend heat of approximately 270°F, but not to exceed 320°F. If band heaters or heating blankets are used, a lower temperature approximately 250°F is recommended due to direct heat contact with the board.
- Heat 3/4" x 3-1/2" CROWN PVC Trim for approximately 10 minutes in ovens or 15 minutes if using heat blankets (approximately 3 minutes per 1/4" thickness). Heating time should be adjusted according to the following conditions:
- Thickness, width and length of board, Heating equipment and its capacity
- Once the heated board reaches a workable state (flexible enough to bend), bend it to the proper mold and hold it in place with clamps for best results. Cool the bent product to room temperature with natural or forced air.
- Indications of overheating are rough surfaces, bubbling, discoloration and yellowing.
- Always handle with care and wear heat protection gloves during the process. Refer to our materials safety data sheet for material handling specifications.

