

VOLTERRA FLEX *Moulding & Trim*



Volterra Flex is a flexible moulding product that provides the look and feel of custom millwork, with the ability to accommodate curves and radius corners with ease. Volterra Flex is made of a urethane composite material that is lightweight, easy to install and integrates seamlessly with natural millwork. Volterra Flex can be ordered to match virtually any hardwood moulding profile or size, and is manufactured entirely in the USA.

USE

- Designed for interior or exterior use.
- Will not absorb moisture (the use of a paint or gel stain and sealer is recommended for all applications).
- Impervious to the effects of heat and cold.
- Will not split or dimple when nailed.
- Handles and cuts like wood.
- Is pre-primed and ready to install.
- Can be easily stained or painted.

INSTALLATION TIPS

- Upon receipt and prior to installation, always lay the material flat to let it relax back into it's original shape.
- Never pre-finish (stain or paint) material prior to installation. The material may flex during installation and fracture the finish.
- Always ensure that the surface the material will be applied to is flat and smooth.
- Flexible moulding will follow any irregularities in the surface.
- Keep nails to a minimum and away from edges to avoid bumps at the edge.



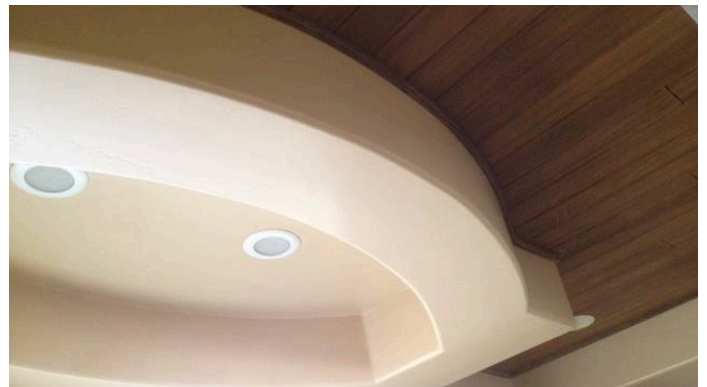
CUTTING TIPS

- Hold material firmly to table or fence when cutting.
- Cut material long, then shave to exact length.
- When shaping, use several "shallow" presses rather than one "deep" cut.
- Do not sand or shape the wood grain or stain grade material.

FASTENING

Always install moulding material in a relaxed position. Use construction or panel adhesive, or mastic-type glue continuously on back side and nails to secure moulding in place until the adhesive bonds.

- DO NOT use staples to fasten material.
- Use a minimal amount of nails, leaving at least 6" between nails.
- Do not nail closer than 3/8" from the edge of moulding.



CLEANING (Prepare for Finish)

Prior to finishing, clean the moulding by wiping with a cloth using soap and water, paint thinner or mild detergent to clean any dirt or grease that may have accumulated during installation.

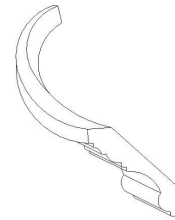
PAINTING & STAINING

Volterra Flex is a paint grade material. Most profiles have a wood grain texture and can be finished with a gel type stain. Please call for compatibility of staining. We strongly recommend that first time users practice on a piece of scrap moulding.

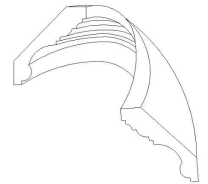
HOW TO ORDER

Ordering True Radius Crown and Dormer Moulding

1. Determine wall radius dimension or radius to outside edge of dormer.
2. Convert any curved width and height dimensions to radius.
3. If wall curves in and away from you, it's an ISR (inside, or "concave" radius).
4. If wall curves out toward you, it's an OSR (outside, or "convex" radius).
5. Supply a drawing of the direction the crown is to be positioned.
6. Determine length needed and add 2 ft. (for waste).
7. Multiply length times moulding profile price per linear ft. to calculate the price.



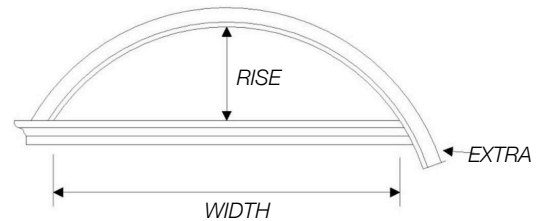
OUTSIDE RADIUS



INSIDE RADIUS

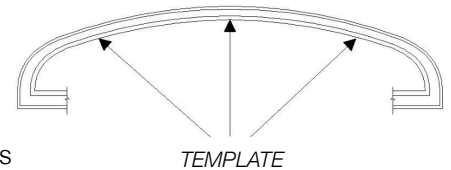
Ordering an Arc or Eyebrow Segment Circle

1. Determine arc radius using inside rise and width dimension of arc segment circle.
2. Divide width dimension by 2 and multiply it times itself (squared).
3. Multiply height dimension times itself (squared).
4. Add new width sum and new height sum together.
5. Divide the total by height dimension first multiplied times 2 to calculate radius dimension.
6. Determine material length by multiplying rise times 3 and adding sum to width.
7. Round length up or down to nearest even footage.
8. Multiply even footage length times moulding profile price per linear foot to calculate price.



Ordering Elliptical, Oval & Odd Radius Casing

1. Make a template that fits exact inside radius edge.
2. Multiply rise times 3, add width, and round up to nearest even footage length.
3. Multiply length times moulding price per linear ft. to calculate the price.



NOTE- Custom flex moulding products requiring special pre-forming or handling such as any radius with two or more curves are sold per linear foot, plus extra for cuts.

LIMITATIONS:

Crown and Base Moulding:

1. Minimum 44" radius for profiles 8" to 10" wide and no restricted flexibility because of moulding length.
2. Minimum 32" radius for profiles 6" to 8" wide and the profile will flex 2" larger or smaller.
3. Minimum 26" radius for profiles 5" to 6" wide and the profile will flex 3" larger or smaller.
4. Minimum 18" radius for profiles 4" to 5" wide and the profile will flex 4" larger or smaller.
5. Minimum 14" radius for profiles 3" to 4" wide and the profile will flex 5" larger or smaller.
6. Minimum 10" radius for profiles 2" to 3" wide and the profile will flex 6" larger or smaller.