

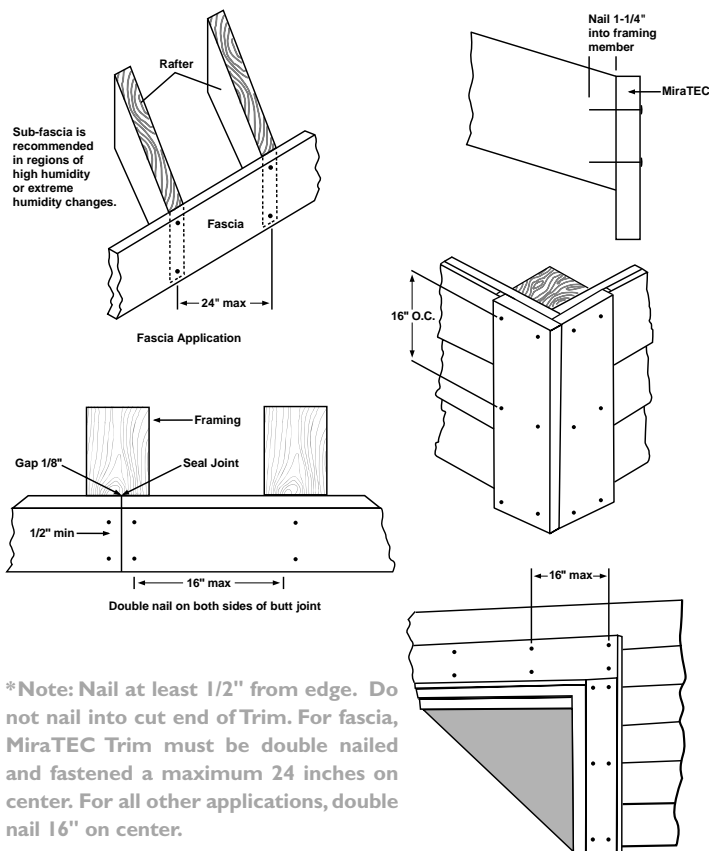
GENERAL INFORMATION: MiraTEC® Treated Exterior Composite Trim is an engineered wood composite trim designed for use in both exterior and interior applications where a nonstructural smooth or textured blemish-free trim product is desired. MiraTEC resists rot, termites and moisture.

CUTTING:

Use a fine-tooth hand saw or power saw with a combination blade. Cut into the exposed face of the material. Carbide-tipped blades are recommended.

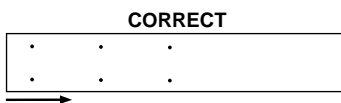
FASTENING REQUIREMENTS:

MiraTEC Trim is a nonstructural decorative trim product and should not be used where structural lumber properties are required. The Trim is designed to be applied to structural framing, sheathing and other materials.

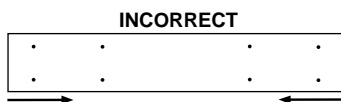


***Note:** Nail at least 1/2" from edge. Do not nail into cut end of Trim. For fascia, MiraTEC Trim must be double nailed and fastened a maximum 24 inches on center. For all other applications, double nail 16" on center.

Fasten MiraTEC Trim from one end to the other end.



DO NOT nail towards the center from both ends.



BUTT JOINTS:

All joints must fall over a framing member. (Space all butt and scarf joints 1/8" apart and apply sealant into the full depth of the 1/8" joint.) Double nail all joints on both sides as noted in the diagram.

FASTENERS:

Power nailing systems are allowed when the fasteners are equal in performance (such as nail withdrawal, bending strength and corrosion resistance) to standard galvanized nails with a 3/16" head diameter; long enough to penetrate 1/4" into structural framing members. Use nails with performance equivalent to hot-dipped galvanized. Any other fasteners used, such as screws or ring-shank nails, must meet the same minimum criteria. Tapered or bugle head fasteners are permitted when the heads are properly sealed from moisture.

CONDITION	CORRECTION
snug	OK
flush	OK
visible fiber	paint
counter sunk 1/16" - 1/8"	exterior putty
counter sunk more than 1/8"	exterior putty & add nail

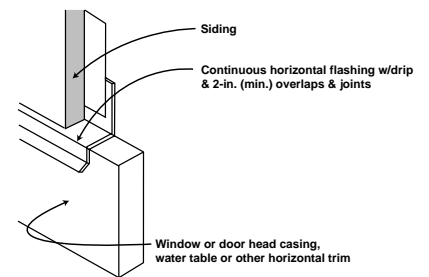
Nail heads, or any other dents, can be filled with exterior grade spackling putty specifically designed for filling nail holes. Allow putty to dry, sand smooth with 100 grit sandpaper and spot prime before painting. Over time, spackling putty may need to be replaced or touched up.

Use nail appropriate to style of construction.

Do not use staples, t-nails, or galvanized finish nails. Use of these fasteners will void the warranty.

FLASHING AND MOISTURE CONTROL:

The structure on which the MiraTEC Trim is applied should be well vented and dry. Do not apply trim over wet sheathing, or any closer than 6" to finished grade or final landscaping. As with all wood products, MiraTEC Trim should not come in direct contact with masonry or concrete. Properly flash and space at least 1/2" from any concrete flatwork or horizontal brick ledge. At foundations or exterior brick veneer, the product should be separated from the masonry by metal flashing, polyethylene film, 30 lb. felt or a 1/4" to 1/2" air space using masonry standoffs. In all applications, the Trim should not be allowed to stand in water.



Seal the Trim applications to prevent water intrusion. Do not allow water to stand on or leak behind any Trim. Trim used in a horizontal application must be properly flashed in accordance with the siding manufacturer's application requirements and local building codes.

SEALANT:

Sealant is required at butt joints and where Trim abuts siding, windows, doors or other materials. Use only exterior quality sealant that remains flexible over time. Do not use hard-setting caulk. Apply caulk according to the manufacturer's written instructions. Caulks and sealants that meet ASTM C920 are recommended.

SURFACE PREPARATION:

The surface must be free of dust, dirt, mildew and other foreign materials before painting. Washing with water and a mild detergent will usually remove dust and dirt. Allow the surface to dry before painting. If mildew is present, contact a paint supply store for recommended methods of removing and controlling mildew.

PAINTING/FINISHING REQUIREMENTS:

MiraTEC Trim is manufactured from wood and must be painted with an exterior coating system in accordance with the following specifications to fulfill the warranty requirements.

Always follow the paint manufacturer's recommendations for the application and maintenance of field-applied paints.

Do not use the following coatings:

Shake and shingle paints	Vinyl acrylic paint *
Flat oil paint	Vinyl acetate paint
Vinyl acetate co-polymer paint	Clear coatings
Transparent or semi-transparent stains	Opaque solvent stains

* **Note:** Although vinyl acrylic exterior paints contain acrylic resin and may be readily available, they are generally of lower quality and will not last as long as 100% acrylic paints. If you're unsure, ask your paint supplier.

PAINT APPLICATION:

1. Prime and paint all exposed field-cut edges of exterior trim using a high quality exterior oil/alkyd solvent based or acrylic latex primer recommended by the paint manufacturer for application over composite wood substrates.

2. Coat all exposed surfaces including the bottom edge.

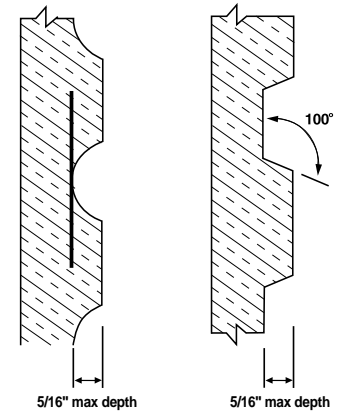
3. Finish MiraTEC Trim with two coats of paint within 90 days after installation. If, due to unforeseen circumstances, the material is not painted within 90 days, reprime the trim using an exterior primer that is specifically recommended for use on composite wood products and is compatible with the topcoat to be used. Use the same primer for repair of any damage to the original factory applied primer.

4. **A total field-applied dry film paint thickness of a minimum of 2-1/2 mils is required on MiraTEC Trim.** This requires the application of two or more unthinned coats of paint at the spread rate recommended by the paint manufacturer. **Note: The paint manufacturer may require a primer and topcoat combination. Follow all paint can recommendations.**

CMI is not responsible for the performance of field applied finishes. Finish performance is dependent upon coating quality and application methods which are factors controlled by the finish manufacturer and applicator.

MACHINING:

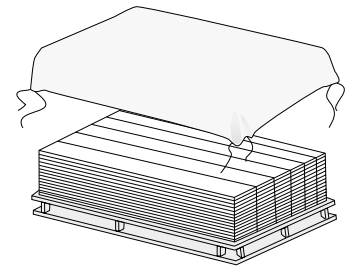
MiraTEC Trim can be grooved or machined to produce decorative applications. Do not exceed .3125 (5/16") depth for both the 4/4 and 5/4 product. Routed or grooved product should not have any flat surfaces where water can accumulate. Maintain an angle of at least 100 degrees from the vertical to provide positive drainage and not allow moisture to accumulate on the material. Re-prime all machined areas with a high quality exterior oil (recommended) or acrylic latex primer formulated for wood.



Examples of Machining

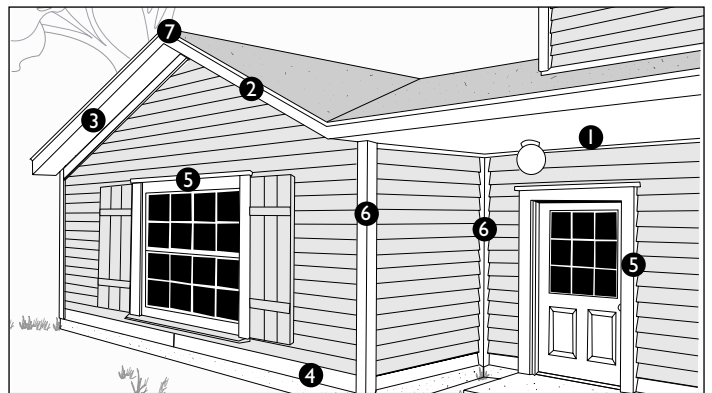
STORAGE:

Cover when stored outside. Keep MiraTEC Trim off the ground and dry. Excessive moisture pick up from improper storage may affect the performance of MiraTEC Trim.



TYPICAL TRIM USES:

MiraTEC Trim can be used in a variety of applications as noted below.



- | | |
|----------------------------|------------------------------|
| 1 Fascia | 5 Window & Door Trim |
| 2 Frieze Board | 6 Corner Board |
| 3 Soffit | 7 Rake Board or Shingle Mold |
| 4 Belly Band or Band Board | |

IMPORTANT: Read and understand all application instructions before installing material. The statements expressed in this technical bulletin are the recommendations for the application of the products as outlined and illustrated under normal conditions of installation. CMI is a manufacturer of building materials. It does not practice architecture or engineering. The recommendations provided in this bulletin represent our best judgement based on our experience to date with normal applications. These instructions supplement standard building practices and building code requirements; they are not to be deemed exclusive or exclusionary of these practices and requirements. Unless prior approval is obtained in writing from the Product Performance Department of CMI, PO Box 311, Towanda, PA 18848, any deviation from these recommended procedures shall be at risk of the installers.

These application instructions are the minimum requirements for the storage, application, and finishing of the trim products manufactured by CMI. Where building code requirements or standards are more restrictive, the applicable regulations must be followed. Consult your local Representative or the Product Performance Department for conditions not covered by this bulletin. All drawings are shown for illustration purposes only and are not to scale. Adequate design and bracing of the walls, as well as compliance with these application instructions, are the responsibility of the architect, builder, applicator and painter.