## TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Preparation Requirements and Recommendations</td>
<td>3</td>
</tr>
<tr>
<td>Safety and Storage Considerations</td>
<td>4</td>
</tr>
<tr>
<td>Care and Handling of Mueller Sheet Metal</td>
<td>5</td>
</tr>
<tr>
<td>Standard Parts</td>
<td>6</td>
</tr>
<tr>
<td>Product Description</td>
<td>9</td>
</tr>
<tr>
<td>Recommended Screw Placement Table</td>
<td>10</td>
</tr>
<tr>
<td>Detail Locator</td>
<td>11</td>
</tr>
<tr>
<td><strong>Beginning the Project</strong></td>
<td></td>
</tr>
<tr>
<td>Standard Eave Trim Installation</td>
<td>12</td>
</tr>
<tr>
<td>Standard Eave Trim Installation with Gutter</td>
<td>13</td>
</tr>
<tr>
<td>Standard Adjustable Gable &amp; Strip Starting and Ending Panel Installation</td>
<td>14</td>
</tr>
<tr>
<td>High Side Residential Eave Trim Installation</td>
<td>15</td>
</tr>
<tr>
<td>Valley Panel and Trim Installation</td>
<td>16</td>
</tr>
<tr>
<td>Standard Ridge Roll and Hip Installation</td>
<td>17</td>
</tr>
<tr>
<td>Endwall to Roof Flashing Installation</td>
<td>18</td>
</tr>
<tr>
<td>Sidewall Flashing Installation</td>
<td>19</td>
</tr>
<tr>
<td>Roof Pitch Change Installation</td>
<td>20</td>
</tr>
<tr>
<td>Standard Panel Endlap</td>
<td>21</td>
</tr>
<tr>
<td>Chimney Flashing - Uphill and Downhill</td>
<td>22</td>
</tr>
<tr>
<td>Chimney Flashing - Side and Vent</td>
<td>23</td>
</tr>
<tr>
<td>Contact Information</td>
<td>24</td>
</tr>
</tbody>
</table>
This detail and installation manual has been provided to serve as a basic guideline for installing the Mueller corrugated panel roof system. This manual should be used in conjunction with the erection drawings to help ensure proper installation of this roof system. In case of discrepancies, the erection drawings will govern over this installation guide.

It is the customer’s responsibility to ensure that a competent and experienced erection crew is chosen for the installation of this roof system. It is also the customer’s responsibility to ensure the erection crew understands and follows this installation manual and the erection drawings.

Mueller, Inc. is not responsible for any problems or defects caused by improper erection techniques. Any questions in regards to clarifying the intent of this manual or the erection drawings should be directed to Mueller’s sales department at the address and phone number shown on the back cover.

**Warning!** Corrugated Panels should not be installed on a roof that is less than a 1:12 pitch. When this panel is installed on pitches less than 1:12, heavy rainfall may lead to water accumulation and possible leaks.

It is important that the roof be properly prepared before installation begins.

**Decking**
Mueller, Inc. recommends our metal roofing systems be installed over CDX plywood wooden roof decking with a minimum thickness of 15/32”. Note: If using treated lumber, special corrosive resistant screws are required. Ask your sales representative for more information.

**Stripping**
The removal of existing roofing and the associated fasteners is generally necessary. This does not damage, and typically improves, the structural capacity of wood decks. During removal, many shingle fasteners may remain embedded in the deck. These fasteners can be pulled out or hammered flush with the deck.

**Repairs**
Deteriorated areas should be removed and replaced with material to closely match the existing thickness. The deck should be sound and smooth, with fasteners flush with the surface, prior to the installation of the metal roof. New wood decking, whether boards, planks, CDX plywood, or equal, should be the same thickness and have similar strength characteristics and span ratings to that of the area being replaced. Deck fasteners that have backed out should have a new fastener installed adjacent to it and the existing fastener should be removed. Loose or lifted boards, planks, plywood, and corners should have additional fasteners installed to secure the existing deck in place.

Holes in wood decks that are 10” wide or less can be covered with 20-gauge steel. This steel plate should be galvanized and must overlap the wood roof deck 4 inches minimum and be secured with fasteners 4 inches on center.

Fascia boards should be straight, level and in good condition. Any rotted or deteriorated boards should be replaced. All roof framing and decking abnormalities will be transferred to the new metal roof if not corrected before sheeting begins.

**Underlayment**
New underlayment must be immediately installed over prepared roof decking. Mueller recommends Titanium or a minimum 30# felt. This underlayment should be installed with a minimum of a 2” side lap and a 6” end lap. Underlayment temporarily protects the roof decking against water penetration. It should be installed using galvanized tin caps (not plastic caps). The underlayment should be fastened to the deck with galvanized roofing nails with tin caps 12” on center in the field and 6” on center at the sidelaps.

**Flashing**
Re-roofing projects incorporate metal flashing and metal counter-flashing. Some counter-flashing are embedded, such as a masonry wall, or are installed behind existing siding. This metal, if not deteriorated, may be reused. The existing metal can be cut, leaving approximately a minimum of 2” of flashing exposed, and new counter-flashing can be fastened to the backside of the existing metal. Counter-flashing must be slightly higher than the top of the rib on the sheets to be installed.
SAFETY AND STORAGE CONSIDERATIONS

As with all major construction projects, safety should be a primary concern. The erector or contractor should be sure that all OSHA safety rules are followed and that job safety is strictly adhered to.

The following safety equipment is highly recommended when installing metal roofing:

1. Safety rope and harness
2. Hand protection
3. Eye protection
4. Hearing protection
5. Soft rubber soled shoes

Metal roofing presents several specific safety issues:

1. Metal roofing is extremely slick and does not provide firm footing. Extreme care should be taken when:
   A. Working on roofs with very steep pitches.
   B. Working on roofs when moisture is present.
   C. Working on roofs when high wind is a factor.
   D. Working with long panels.

2. Metal edges are very sharp and should be handled with care.

3. Care should be used when lifting panels due to their weight.

4. Always check for overhead electrical lines and exercise care not to have metal sheets come in contact with them.

Storage: It is recommended that sheets be kept covered and out of the elements if at all possible. If sheets are to be stored outside, the following precautions should be observed:

1. The storage area should be reasonably level, and located so as to minimize handling.

2. When stored on bare ground, place plastic ground cover under the bundles to minimize condensation on the sheets from ground moisture.

3. Store bundles at least 12 inches above ground level to allow air circulation beneath the bundle, and to prevent damage from rising water.

4. Elevate one end of each bundle slightly to permit runoff of moisture from the top of the bundle or from between sheets. A waterproof cover should be placed loosely over the bundles to allow for air circulation under the cover.

5. All electrical tools should be inspected regularly for damaged cases or frayed electric cords. Extension cords should be inspected for damaged or frayed insulation. Tools which do not meet good safety standards should not be used.

CAUTION: Care should be taken when cutting sheets. Eye and hearing protection are important.

NOTE: Always wear rubber soled work boots. When on the roof, use OSHA approved protection devices such as safety lines, safety nets or catch platforms.

Unsecured Panels May Slip If Stepped On!

Never step on a single unsecured roof panel, or a stack of roof panels laying unattached on the roof. Secure each end of the panel with clamps or appropriate fasteners and place walkboards of adequate size and strength in the flat of any panels not fully secured to the roof and supported by panels on each side. Walkboards should run the full length of the panel and be fastened together by drilling a hole near the end of each board and tied with rope to the next board. Cut a groove in the bottom of each board so the board will lie flat and not tip back and forth because of the rope.

5. Inspect stored bundles daily and repair any tears or punctures in the waterproof cover.

6. Re-cover opened bundles at the end of each work day to prevent subsequent moisture damage.

Checking order at time of delivery:

Check each order carefully, as it is unloaded. Report any obvious damage or shortages to the carrier immediately. If damage or shortages are noted after delivery (at time of unpacking) notify your Mueller representative immediately. Have invoice numbers and detailed descriptions of the damage or shortage available. These procedures are for your protection. A shortage or damage discovered later can be caused by theft, misplacement, mishandling or other causes and is not the responsibility of Mueller, Inc.

Never Install Material if the Quality is in Question!
Delivery: Mueller takes every precaution to ensure that material is delivered to the customer damage-free and fully protected from the elements during shipment. When the material is delivered to the customer it then becomes the customer’s responsibility to protect the material from the elements, possible theft, and other damage. The following guidelines are recommended:

**HANDLING:** Proper care is required in unloading and handling panel bundles in order to prevent damage.

1. Bundles should remain banded (if possible) during the unloading process. Bundles should never be lifted by the banding material.

2. Lift each bundle as close as possible to its center of gravity.

3. If the bundles are to be lifted with a crane, use a spreader bar of appropriate length and nylon band slings (do not use wire rope slings as they will damage the material).

4. Depending on the panel length, some bundles may be lifted by a forklift. When using a forklift, the forks should be spread to their maximum spacing, and the load centered on the forks. **Sheets over 25' long require two forklifts.**

5. After panel bundles are opened, individual sheets must be handled carefully to prevent panel buckling or damage to the panel coating. When removing a sheet from a bundle it should be rolled off the bundle to prevent scratching of the next sheet. Never drag or slide one sheet over another. Sheets should not be picked up by the ends. Instead, lift the sheet along its longitudinal edge and carry in a vertical position. For sheets over 10' long, two or more people may be required to carry the sheet.

**Wall and Roof Panels**
Mueller’s wall and roof panels, including color coated, galvalume and galvanized, provide excellent service under widely varied conditions. All unloading and erection personnel should fully understand that these panels are quality merchandise which merit cautious care in handling.

*Under no circumstances should panels be handled roughly.* Packages of sheets should be lifted off the truck with extreme care taken to ensure that no damage occurs to ends of the sheets or to side ribs. The packages should be stored off the ground sufficiently high to allow air circulation underneath the packages. This avoids ground moisture and deters people from walking on the packages. One end of the package should always be elevated to encourage drainage in case of rain.

All stacked metal panels are subject, to some degree, to localized discoloration or stain when water is trapped between their closely nested surfaces. Mueller, Inc. exercises extreme caution during fabrication and shipping operations to ensure that all panel stock is kept dry. However, due to climatic conditions, water formed by condensation of humid air can become trapped between stacked sheets. Water can also be trapped between the stacked sheets when exposed to rain causing discoloration, often called “wet storage stain.” The stain is usually superficial and has little effect on the appearance or service life of the panels as long as it is not permitted to remain on the panels. However, moisture in contact with the surface of the panels over an extended period can severely attack the finish and reduce the effective service life. Therefore, it is imperative that all panels be inspected for moisture upon receipt of the order. If moisture is present, dry the panels at once and store in a dry, warm place.

Details are subject to change without prior notice.
STANDARD PARTS

#9 x 1" Woodgrip
- 1/4" HEX WASHER HEAD
- 1/2" O.D. EPDM SEALING WASHER
- CORROSION RESISTANT COATING
- PAINTED OR MILL FINISHED HEAD

#9 x 1 1/2" Woodgrip
- 1/4" HEX WASHER HEAD
- 1/2" O.D. EPDM SEALING WASHER
- CORROSION RESISTANT COATING
- PAINTED OR MILL FINISHED HEAD

#9 x 2 1/2" Woodgrip
- 1/4" HEX WASHER HEAD
- 1/2" O.D. EPDM SEALING WASHER
- CORROSION RESISTANT COATING
- PAINTED OR MILL FINISHED HEAD

#10 x 1" Wafer Head
- #2 PHILLIPS DRIVE
- WAFFER HEAD SCREW TYPE A
- CORROSION RESISTANT COATING
- MILL FINISHED HEAD

Stitch Screw 1/2"
- #2 PHILLIPS DRIVE
- CORROSION RESISTANT COATING
- PAINTED OR MILL FINISHED HEAD

#14 x 7/8" LapTek
- 5/16" HEX WASHER HEAD
- EPDM SEALING WASHER
- CORROSION RESISTANT COATING
- PAINTED OR MILL FINISHED HEAD

#14 x 7/8" Low Profile Lap Screw
- LOW PROFILE DESIGN
- LARGE DIAMETER HEAD FOR RESISTANCE
- CORROSION RESISTANT COATING
- PAINTED OR MILL FINISHED HEAD

#12 Low Profile 1", 1 1/2", 2 1/2"
- 1/2" HEAD DIAMETER
- CORROSION RESISTANT COATING
- PAINTED OR MILL FINISHED HEAD

1/8" x 3/16" Pop Rivet
- 1/8" DIAMETER
- 3/16" GRIP RANGE
- STAINLESS STEEL
- PAINTED OR MILL FINISHED HEAD

Tube Sealant
- POLYURETHANE
- 11 OZ. TUBE SIZE

Butyl Tape
- PAPER BACKING
- 50'-0" LENGTH
STANDARD PARTS

Transition Trim Profile
#1486

Downspout Profile
#0610

Downspout Kickout 45° Profile
#0620

Downspout Kickout 90° Profile
#0621

Downspout Strap Profile
#1010

Gutter Endcap Profile
#1101

Residential Gutter Profile
#0501

Gutter Strap
#1002

Eave Trim
#0853

Adjustable Gable Trim Profile
#1477

Adjustable Gable Strip Profile
#0323

High Side Residential Eave Trim
#0802

Details are subject to change without prior notice.
WARNING! Mueller trim comes with a protective film coating to aid in the prevention of scuffing. Do not allow this film to be exposed to the sun. Exposure will bond the film to the metal making removal difficult.
ATTACHMENT TO 1 x 4 WOOD PURLIN

**TYPE 1: FASTENER LOCATION**

- 1/4-14 X 7/8 LAP SCREW @ 20" O.C.
- 8" 8" 8" 5 1/2"

**TYPE 2: FASTENER LOCATION**

- 1/4-14 X 7/8 LAP SCREW @ 20" O.C.
- 5 1/2" 5 1/2" 5 1/2" 5 1/2"

15/32" PLYWOOD #12-11 X 1" SDT W/ WASH.+ 1X4 WOOD PURLINS @ 24" O.C., ATTACHED TO PLYWOOD W/ (1) 8 X 2.5" DECK SCREW @ 12" O.C.

ATTACHMENT TO PLYWOOD

**TYPE 1: CORRUGATED FASTENER LOCATION**

- 28.5" COVERAGE
- LAP TEK @ 20" O.C.
- BUTYL TAPE
- #9-15 X 1" WOODGRIP

15/32" PLYWOOD #12-11 X 1" SDT W/ WASH.+ 1X4 WOOD PURLINS @ 24" O.C., ATTACHED TO PLYWOOD W/ (1) 8 X 2.5" DECK SCREW @ 6 " O.C.

**NOTE:**
To comply with Texas Windstorm Certification Testing, #12x11 SDT Type A screws must be used in place of the #9 Woodgrip screws.

- **34" Overall width**
- **29.5" Coverage**
- **26 Gauge**

For color selections, please request a color chart.

Galvalume Plus (20 Yr. WARRANTY)
Limited Paint Warranties (UP TO 30 YEAR WARRANTIES)

Warning! Corrugated Panels should not be installed on a roof that is less than a 1:12 pitch. When this panel is installed on pitches less than 1:12, heavy rainfall may lead to water accumulation and possible leaks.
**CORRUGATED PANEL**

**RECOMMENDED SCREW PLACEMENT TABLE**

With ≤ 30'-0” mean roof height - **3:12 to 6:12 pitch** for 90-140 mph wind speeds based on ASCE 7-93

### FASTENING SCHEDULE SPACING ALONG PANEL NAIL STRIP

<table>
<thead>
<tr>
<th>Wind Speed Zone</th>
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<th>100</th>
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With ≤ 30'-0” mean roof height - **7:12 to 12:12 pitch** for 90-140 mph wind speeds based on ASCE 7-93

### FASTENING SCHEDULE SPACING ALONG PANEL NAIL STRIP

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Note: If using treated lumber, special corrosive resistant screws are required. Ask your sales representative for more information.

Details are subject to change without prior notice.
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### BEGINNING THE PROJECT

#### STANDARD EAVE TRIM INSTALLATION

1. Install the eave trim by sliding it underneath the underlayment and securing it to the roof surface with wafer head screws on 5’ centers.

2. There are no screws or nails to be placed in the exposed fascia of the trim.

3. At the corners, cut the eave trim 1 1/2” long and prepare the ends with tabs to receive the gable trim.

**NOTE:** Alternate trim profiles are acceptable using the screw pattern shown.

**OPTION:** The overhang illustrated below may be increased to extend up to 4” past the eave trim.

---

**NOTE:** To comply with Texas Windstorm Certification Testing, #12x11 SDT Type A screws must be used in place of the #9 Woodgrip screws.
1. Install the eave trim to the substrate with wafer head fasteners at 5’ O.C.
2. Position the roof panel so that the down slope end matches the dimension called for on the erection drawings.
3. Attach the roof panel with #9 x 1” woodgrip screw. (Refer to screw placement table).
4. Attach the roof panels at the eave with #9 x 1” woodgrip screws - Reference Type 1 Fasteners.
5. Attach the gutter with #14 x 7/8” lapteks @ 12” O.C.
6. Install the gutter strap at alternate 24” with #12 x 7/8” lapteks on the sheet end of strap, and stitch screws, pop rivets, or lap screws on gutter end of the strap.

**NOTE:** Alternate trim profiles are acceptable using the screw pattern shown.

**OPTION:** The overhang illustrated below may be increased to extend up to 4” past the eave trim.

**NOTE:** To comply with Texas Windstorm Certification Testing, #12x11 SDT Type A screws must be used in place of the #9 Woodgrip screws.

*Details are subject to change without prior notice.*
1. Starting at the corner, install the adjustable gable trim along the sloping gable, placing it on top of the underlayment.
2. Attach with wafer head screws 5’ on centers (adjustable strip applied after valley trim).
3. Slide gable trim over eave trim at corner.
4. At the peak, one gable trim should be cut vertical to the ground and overlap at the junction of the two gable trims.

NOTE: Alternate trim profiles are acceptable using the screw pattern shown.

Gable and Strip Installation
1. If valley trim is intersecting the gable, the valley must be installed first.
2. Pre-drill 1/8” holes on 12” centers along the length of adjustable gable strip #0323.
3. Butyl tape should be applied to the bottom of the strip covering pre-drilled holes. Place the strip the desired distance from the outside edge of the gable trim (optimal distance 2”), making sure it is aligned parallel to the gable, perpendicular to the eave line and between the open hem at the edge of the adjustable gable trim and the outside of the trim.
4. The adjustable strip is attached to the roof with wafer head screws on 12” centers from eave to ridge using pre-drilled holes, making sure the screws are applied through the butyl tape. This condition exists in both Starting Panel and End Panel Installation.

NOTE: Alternate trim profiles are acceptable using the screw pattern shown.

Starting Panel Installation
1. Apply adjustable strip as previously instructed.
2. Apply butyl tape continuously down the length of the adjustable strip, covering the wafer head screw.
3. Insert the edge of the panel into the strip, making sure the panel is seated fully into the strip.
4. Attach the panel to the roof with #9 x 1” woodgrip screws on the required centers.

NOTE: Alternate trim profiles are acceptable using the screw pattern shown.

Ending Panel Installation
1. Make a straight cut the length of the panel (optimal 2” from gable edge).
2. Apply adjustable strip as previously instructed.
3. Test apply the panel to make sure that the cut edge seats fully into the strip.
4. Apply butyl tape and insert last panel into strip, making appropriate panel lap.

NOTE: Alternate trim profiles are acceptable using the screw pattern shown.

Details are subject to change without prior notice.
1. Attach the high side trim (#0802) to the fascia with woodgrip screws on 5’ centers. Make sure the 6” side of the trim is on the rooftop with the hem resting on the highs.

2. Cap the ends of the trim by cutting and folding a tab that attaches to the gable trim. Capping is usually easier to do before the trim is installed. If done after the trim is installed, be sure and leave 6” of the trim overhanging to allow enough material for cut and folds.

3. Position the corrugated closure on the sheet.

4. Attach with one lap screw, 12” O.C. on the high of the corrugation, through the hem of the high side eave trim and corrugated closure. Care must be taken not to over-tighten the screws, as this will distort the trim and closures. The screw hole can be pre-drilled, if desired.

5. All end laps should be at least 4”. Secure it to the overlapped piece with caulk and stitch screws.

**NOTE:** Alternate trim profiles are acceptable using the screw pattern shown.
1. Start at the low end, trim and place the valley flashing. The valley end should overhang the eave trim 1”.
2. If there is an end lap required in the valley pieces, caulk and lap at least 8”.
3. Use wafer head screws on 5’ centers to secure the valley in place along the outside edge.
4. Hem the edges of the valley over the eave trim, after trimming the center “V” back 1” to align with the edge of the eave. Leave a tab to bend and cover the exposed opening of the center “V”.
5. Place butyl tape on the upper surface of the valley 6” up slope from the “V” of the valley trim, before applying intersecting panels.
6. Field cut the panels that intersect the valley holding the end of the panel 4” back from the “V” of the valley trim and parallel to the “V” of the valley.
7. Attach panel at valley using eave screw requirements for panel being installed.

**NOTE:** Alternate trim profiles are acceptable using the screw pattern shown.

**NOTE:** To comply with Texas Windstorm Certification Testing, #12x11 SDT Type A screws must be used in place of the #9 Woodgrip screws.
1. Lay a piece of the #0221 ridge roll or hip in position, making sure it is centered and in the correct position. (Refer to step #7 for end capping instructions)

2. Temporarily fasten the ridge roll in place at one end with a lap screw, positioning the screw through the hem of the ridge roll, centered on the corrugation.

3. Position the corrugated closure on the sheet.

4. Attach with (1) lap screw, centered on the corrugation, 12” O.C., through the hem of the ridge roll and through the corrugated closure, into the panel. Care must be taken not to over-tighten the screws, as this will distort the trim and closures. The screw hole can be pre-drilled, if desired.

5. Continue installing the closures the entire length of the ridge or hip. Remove the temporary fastener, insert the closure, and fasten through the existing hole as in step 4.

6. All end laps should be at least 4”. Secure to the overlapped piece with caulk and stitch screws.

7. Cap the end of all ridge roll and hips by cutting and folding ends. Capping is usually easier to do before the piece is installed. If done after installation, be sure and leave 6” of the ridge roll or hip overhanging the peak or corner to allow enough material for cuts and folds.

**NOTE:** Alternate trim profiles are acceptable using the screw pattern shown.
ENDWALL TO ROOF FLASHING INSTALLATION

1. Insert the endwall flashing (#0724) behind the existing wall counter-flashing and attach to the wall using appropriate fasteners. Make sure the receiver hem of the endwall flashing is resting on the top of the roof sheet rib. If required, cap the ends of the trim by cutting and folding a tab.

2. If there is no counter-flashing, install counter-flashing using appropriate fasteners.

3. Position the corrugated closure on the roof.

4. Attach with one lap screw, centered on the corrugation, through the hem of the endwall flashing and corrugated closure, into the panel. Care must be taken not to over-tighten the screws as this will distort the trim and closure. The screw hole can be pre-drilled, if desired.

5. All end laps should be at least 4”. Secure to the overlapped piece with caulk and stitch screws.

NOTE: Alternate trim profiles are acceptable using the screw pattern shown.

SECTION VIEW

ISOMETRIC VIEW
1. Apply butyl tape continuously to top of corrugation.
2. Insert the sidewall flashing behind existing counter-flashing and secure to the top of corrugation with lap screws.
3. If there is no existing counter-flashing, install counter-flashing to wall with appropriate fasteners.

**NOTE:** Alternate trim profiles are acceptable using the screw pattern shown.

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**SIDEWALL FLASHING INSTALLATION**

1. Apply butyl tape continuously to top of corrugation.
2. Insert the sidewall flashing behind existing counter-flashing and secure to the top of corrugation with lap screws.
3. If there is no existing counter-flashing, install counter-flashing to wall with appropriate fasteners.

**NOTE:** Alternate trim profiles are acceptable using the screw pattern shown.
1. Apply lower panels.

2. Install the transition flashing (#1486) making sure the bottom portion of the flashing is at the same pitch as the lower panels. Attach to decking 1” from top of flashing with wafer head screws on 5’ centers.

3. Position the corrugated closure on the roof.

4. Attach using one lap screw, centered on corrugation, 12” O.C., through the hem of the transition flashing and corrugated closure, into the panel. Care must be taken not to over-tighten the screws as this will distort the trim and closure. The screw hole can be pre-drilled, if desired.

5. All trim end laps should be at least 4”. Secure to the overlapped piece with caulk and stitch screws.

6. Cap the ends of the trim by cutting and folding a tab that attaches to the gable trim. Capping is usually easier to do before the trim is installed. If done after the trim is installed, be sure and leave 6” of the trim overhanging to allow enough material for the cut and folds.

7. Before applying the upper panels, place a row of butyl tape continuously along the trim at a point where the screws holding the lower end of the upper panel will go through the butyl tape. This is usually 4” uphill from the bottom of the upper sheet. Use standard screw pattern.

**NOTE:** Alternate trim profiles are acceptable using the screw pattern shown.
1. Ensure the lower panel is installed completely (except for the top fasteners).

2. Install the butyl tape 10” from the top of the lower panel. Do not remove the paper backing from the butyl tape until upper roof panel lap and the top dimension have been confirmed.

3. Remove paper backing from the butyl tape.

4. Position and place upper panel so that a 12” lap is achieved.

5. Attach the upper panel through the lower panel with woodgrip screws (reference Type 1 pattern), making sure the screw line is 1” uphill from the butyl tape line.

**NOTE:** Alternate trim profiles are acceptable using the screw pattern shown.

**NOTE:** If a longer lap is desired increase all measurements accordingly.

**NOTE:** To comply with Texas Windstorm Certification Testing, #12x11 SDT Type A screws must be used in place of the #9 Woodgrip screws.
The uphill flashing will be 4” wider than the width of the curb (2” on each side). Cut an 1/8” slot in the two uphill corners of the panel slightly wider than 2 1/16”, so the uphill flashing can slide through the two slots.

1. Trim both ends of the uphill and downhill sides of the flashing as indicated.

2. Slide the uphill flashing into the slots of the roofing and apply liberal amount of tube caulk.

**NOTE:** Alternate trim profiles are acceptable using the screw pattern shown.

**NOTE:** To comply with Texas Windstorm Certification Testing, #12x11 SDT Type A screws must be used in place of the #9 Woodgrip screws.

Details are subject to change without prior notice.
CHIMNEY INSTALLATION

CHIMNEY FLASHING - SIDE

1. Trim and bend the right side flashing as indicated.
2. Trim the left side in a similar fashion.

**NOTE:** Alternate trim profiles are acceptable using the screw pattern shown.

**NOTE:** The left and right side flashing are mirror images of each other.

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FLASHING - VENT

**Procedures:**

1. Trim the opening in the flashing to 20% smaller than the pipe diameter.
2. Slide the flashing down over the pipe.
3. Seal between the flashing and the roofing with tube caulk and set the flashing.
4. Form the flashing to fit the profile of the roof.
5. Fasten the flashing with lap screws 1” on centers.

**NOTE:** Alternate trim profiles are acceptable using the screw pattern shown.
M ueller's #1, 26 gauge, Corrugated Panels have received the Underwriter's Laboratory UL2218 Approved Class 4 Premium Rating.