

# PRE-INSTALLATION INSPECTION GUIDE

Please use this guide as a checklist to aid in your preparation for inspections:

First "pre-installation" inspection, substructure, underlayment, trim/flashing installation, etc.

- Berridge Manufacturing Co. approved shop drawings are on the job site

## **SUBSTRUCTURE**

- Sheathing and or purlins in plane
- Sheathing end joints meet at joist
- Sheathing meets (no gaps) at hips, ridges, valleys eave, etc.

- Sheathing and or purlins in same plane w/ fascia, rake, eave, etc.

- Insure solid sheathing is used under all valleys

## **UNDERLAYMENT**

- Review Berridge approved shop drawings for correct types of underlayments to be used
- Sweep deck clean prior to installation of underlayment
- Use galvanized or coated fasteners (never common steel)

- Use Berridge galvanized cap washers to prevent tear thru

- Install underlayment at valleys first

- Install underlayment parallel to eave, starting at eave

- Additional layers of underlayment required at eave, valley, gable, etc. refer to Berridge approved shop drawings

- Underlayment is in good condition, tears, holes, dried out, wrinkling, etc. has been repaired or replaced

## **TRIM & FLASHINGS**

- Review Berridge approved shop drawings for correct trim and flashings to be used

- Strippable plastic film has been removed

- End joints staggered where one flashing is installed over another

- Flashings lapped a minimum 4", valley 12"

- Laps caulked w/ Tremco Spectrem One caulking per Berridge approved shop drawings

- Caulking used only at locations shown in Berridge approved shop drawings.

- Extra underlayment used at eave, valley, gable, etc.

## **OOF PENETRATIONS**

- Insure proper flashings and solid sheathing is used per Berridge approved shop drawings

## **CLEAN-UP**

- Clean all debris, especially metal shavings or drillings from, valleys, gutters and entire roof daily. Use touchup paint on scratches replace any damaged panels or flashings

*First inspection to be performed upon completion of underlayment and flashing installation. Second inspection to be performed upon conclusion of roof panel installation. During the field inspections the decking and or purlin structure, underlayment, panel installation, flashings, caulking, valleys, penetrations and all areas of the roof will be inspected. This inspection will be for compliance to the Berridge approved shop drawings.*



## **Berridge Manufacturing Company**

**Warranty & Technical Information:**

**1720 Maury St., Houston, TX 77026**

**800-231-8127 • Local: 713-223-4971 • Fax: 713-236-9422**

**Headquarters & Sales Offices:**

**6515 Fratt Rd, San Antonio, TX 78218**

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# POST-INSTALLATION INSPECTION GUIDE

Please use this guide as a checklist to aid in your preparation for inspections:

Second "post-installation" inspection, trim/flashing, panel/seams, etc.

- Berridge Manufacturing Co. approved shop drawings are on the job site

## **SUBSTRUCTURE**

- Sheathing and/or purlins in plane
- Sheathing end joints meet at joist
- Sheathing meets (no gaps) at hips, ridges, valleys eave, etc.
- Sheathing and/or purlins in same plane w/ fascia, rake, eave, etc.

## **UNDERLAYMENT**

- Review Berridge approved shop drawings for correct types of underlayments to be used

## **TRIM / FLASHINGS**

- Review Berridge approved shop drawings for correct trim and flashings to be used

## **PANEL & SEAMS**

- Strippable plastic film has been removed from panel and seams

- Each panel is to be kept tight against the leg of the adjoining panel

- Panel legs are straight without any bends, crimps, creases, etc. prior to seam installation

- Use proper panel clip or continuous rib

- Inspect vinyl in seam or on continuous rib, make sure vinyl is properly seated in seam or attached to continuous rib

- Install seams and or machine seam panel as panels are installed

## **EAVE / VALLEY**

- Panel pan must be restrained review Berridge approved shop drawings for proper method

- 2 panel clips must be used at end of panel at eave and or valley if continuous rib not used

- Insure solid sheathing is used under all valleys

## **HIP / RIDGE**

- Inspect Zee closure for proper and complete caulking along vertical leg to panel seam and between bottom of Zee and panel pan

- Insure Zee closure is securely fastened to substructure below panels

- Pop rivet hip or ridge flashing to Zee closure per Berridge approved shop drawings

## **ROOF PENETRATIONS**

- Insure proper flashings and solid sheathing is used per Berridge approved shop drawings

## **CLEAN-UP**

- Clean all debris, especially metal shavings or drillings from, valleys, gutters and entire roof daily. Use touchup paint on scratches replace any damaged panels or flashings

*First inspection to be performed upon completion of underlayment and flashing installation. Second inspection to be performed upon conclusion of roof panel installation. During the field inspections the decking and or purlin structure, underlayment, panel installation, flashings, caulking, valleys, penetrations and all areas of the roof will be inspected. This inspection will be for compliance to the Berridge approved shop drawings.*



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