

# FLASHING INSTALLATION CHECKLIST

Project: \_\_\_\_\_  
 Date of Observation: \_\_\_\_\_  
 Observation Location: \_\_\_\_\_  
 Observer: \_\_\_\_\_

This checklist reflects masonry industry standards and recommendations for flexible membrane flashing. Flashing installation line items must meet or exceed applicable local building codes, flashing manufacturer installation recommendations, and project construction documents requirements. In the case of conflict, contact the project designer for clarification.

## GENERAL NOTES

- 1.1  Vertical flashing leg rise **8" minimum**
- 1.2  **Seal all flashing penetrations** with compatible sealant. Note: not all sealant will adhere to all flashing membranes – verify product compatibility with flashing and water/air barrier manufacturer.
- 1.3  **Protect installed flashing** from jobsite damage by wind, mortar droppings, physical damage, and prolonged ultra-violet (sun) exposure. Repair or replace damaged flashing before installing veneer.
- 1.4  **Primers** as required

## FLASHING SUBSTRATE PREP

- |     | Yes                      | No                       |  |
|-----|--------------------------|--------------------------|--|
| 2.1 | <input type="checkbox"/> | <input type="checkbox"/> | Are <b>specified flashing and accessories</b> being used on this job ?                                   |
| 2.2 | <input type="checkbox"/> | <input type="checkbox"/> | Is flashing substrate <b>dry enough</b> to accept flashing primer and flashing ?                         |
| 2.3 | <input type="checkbox"/> | <input type="checkbox"/> | Is flashing substrate <b>warm enough</b> to accept flashing primer and flashing ?                        |
| 2.4 | <input type="checkbox"/> | <input type="checkbox"/> | Is <b>veneer bearing smooth</b> – without sharp bumps or edges ?   |
| 2.5 | <input type="checkbox"/> | <input type="checkbox"/> | Is <b>veneer bearing clear</b> of mortar droppings, dust, water, snow, and other debris ?                |
| 2.6 | <input type="checkbox"/> | <input type="checkbox"/> | Have <b>high/low spots in concrete</b> support been ground down or filled ?                              |
| 2.7 | <input type="checkbox"/> | <input type="checkbox"/> | Is horizontal surface to receive flashing at least level, or <b>positively pitched</b> to the exterior ? |
| 2.8 | <input type="checkbox"/> | <input type="checkbox"/> | Has <b>water/air barrier</b> been installed on back-up wall before the flashing ?                        |

## DRIP EDGE INSTALLATION

- |     | Yes                      | No                       |  |
|-----|--------------------------|--------------------------|--|
| 3.1 | <input type="checkbox"/> | <input type="checkbox"/> | Is the metal drip edge pressed into continuous <b>bead(s) of compatible sealant</b> ?  |
| 3.2 | <input type="checkbox"/> | <input type="checkbox"/> | Is the metal drip edge <b>smoothly lapped into each</b> at the ends and sealed ?   |
| 3.3 | <input type="checkbox"/> | <input type="checkbox"/> | Are <b>prefabricated, field-rounded, or otherwise non-sharp</b> outside corners installed ?  |
| 3.4 | <input type="checkbox"/> | <input type="checkbox"/> | Have all sharp corners, edges, and connections <b>been made smooth</b> ?   |
| 3.5 | <input type="checkbox"/> | <input type="checkbox"/> | If using <b>flat-flush-hemmed metal drip</b> edge, is it embedded in multiple continuous beads of sealant, and/or installed with pitch to exterior to prevent water re-entry under drip edge, or other method so water cannot flow under drip edge ? |

## FLASHING MEMBRANE

- |      | Yes                      | No                       |  |
|------|--------------------------|--------------------------|--|
| 4.1  | <input type="checkbox"/> | <input type="checkbox"/> | Is <b>primer</b> (if required by manuf.) applied to both horizontal and vertical surfaces to receive flashing ?  |
| 4.2  | <input type="checkbox"/> | <input type="checkbox"/> | Is primer installed per manufacturer instructions (not too thick or thin) ?  |
| 4.3  | <input type="checkbox"/> | <input type="checkbox"/> | Is flashing firmly adhered at interface of horizontal & vertical surface so there is <b>minimal or no "tenting"</b> ?  |
| 4.4  | <input type="checkbox"/> | <input type="checkbox"/> | When using metal drip edge, is <b>flashing held</b> back from exterior face of the veneer 1/2" min. ?<br>Note: Leading edge of flashing should be within outer face-shell of veneer unit.                |
| 4.5  | <input type="checkbox"/> | <input type="checkbox"/> | Is leading edge of flashing (on the metal edge) smooth – <b>without ripples?</b> Or, are ripples sealed with compatible sealant or mastic to make watertight ?   |
| 4.6  | <input type="checkbox"/> | <input type="checkbox"/> | Does horizontal leg of <b>flashing extend to back-up wall</b> and then vertical ? Exceptions include details to promote continuous insulation or protect flashing from bolt heads or stand-off brackets. |
| 4.7  | <input type="checkbox"/> | <input type="checkbox"/> | Is vertical leg of flashing <b>coordinated with water/air barrier</b> for continuity ?   |
| 4.8  | <input type="checkbox"/> | <input type="checkbox"/> | Are there <b>4" to 6" laps</b> between pieces of flashing (or as specified by manufacturer) ?  |
| 4.9  | <input type="checkbox"/> | <input type="checkbox"/> | Are flashing <b>laps sealed</b> with compatible sealant or mastic on top of membrane ?   |
| 4.10 | <input type="checkbox"/> | <input type="checkbox"/> | Is flashing <b>supported</b> so it cannot sag ?  |

## TERMINATION BAR

- |     | Yes                      | No                       |  |
|-----|--------------------------|--------------------------|--|
| 5.1 | <input type="checkbox"/> | <input type="checkbox"/> | Is the top edge of vertical flashing <b>secured to the support wall</b> with a termination bar or other method to keep it from falling down ?                    |
| 5.2 | <input type="checkbox"/> | <input type="checkbox"/> | Is the termination bar <b>fastened</b> to the support wall at 8" o.c. (even at frame back-up walls) ?  |
| 5.3 | <input type="checkbox"/> | <input type="checkbox"/> | Is the termination bar <b>compressed flat</b> against the wall – without bowing between fasteners ?  |
| 5.4 | <input type="checkbox"/> | <input type="checkbox"/> | Are termination bar <b>fasteners secured to solid substrate</b> (not just into sheathing) ?  |
| 5.5 | <input type="checkbox"/> | <input type="checkbox"/> | Is compatible <b>sealant or mastic installed</b> on top of the termination bar to make it watertight ?<br>Or is water/air barrier applied over termination bar ? |

## END DAMS

- |     | Yes                      | No                       |   |
|-----|--------------------------|--------------------------|---|
| 6.1 | <input type="checkbox"/> | <input type="checkbox"/> | Are <b>end dams installed</b> at ends of all discontinuous flashing - at openings, windows, doors, etc. ? |
| 6.2 | <input type="checkbox"/> | <input type="checkbox"/> | Is there compatible <b>sealant or mastic</b> at the interface of end dams and flashing membrane ?         |
| 6.3 | <input type="checkbox"/> | <input type="checkbox"/> | Are ends dams installed at <b>stepped flashing</b> ?  |
| 6.4 | <input type="checkbox"/> | <input type="checkbox"/> | Are end dams <b>at or beyond</b> the end of veneer lintels ?  |

## CAVITY DRAINAGE MATERIAL

- |     | Yes                      | No                       |   |
|-----|--------------------------|--------------------------|---|
| 7.1 | <input type="checkbox"/> | <input type="checkbox"/> | Has cavity drainage material (CDM) <b>been installed as specified</b> ?   |
| 7.2 | <input type="checkbox"/> | <input type="checkbox"/> | Does the CDM fill the majority of the air space ?   |
| 7.3 | <input type="checkbox"/> | <input type="checkbox"/> | Is CDM installed with <b>proper orientation</b> so the wall can drain and ventilate properly ?                  |
| 7.4 | <input type="checkbox"/> | <input type="checkbox"/> | If CDM has a <b>bug screen/filter fabric</b> , is it facing toward the masonry veneer ?                         |
| 7.5 | <input type="checkbox"/> | <input type="checkbox"/> | If a CDM is not used, are there provisions to keep mortar droppings to allow wall cavity to function properly ? |

## SILL

Yes No

- 8.1   Is flashing **installed immediately** below masonry sills ?
- 8.2   Is the horizontal leg of the sill flashing **fully-supported** so it will not sag ?
- 8.3   Is the sill flashing **connected** to the support wall with a termination bar or other secure method ?
- 8.4   Are sill **anchor penetrations sealed** to make watertight ?
- 8.5   Does the sill flashing have **end dams** ?

## SHELF ANGLES

Yes No

- 9.1   Has flashing **primer** been installed – if required ?
- 9.2   Has extra care been taken to embed the metal drip edge into **continuous bead(s) of sealant** to prevent wind-driven moisture penetration, and to separate different metals ?
- 9.3   Is the vertical leg of the **flashing protected** from bolt heads or other protrusions ?
- 9.4   Is the top edge of flashing **secured to the support wall** with a termination bar or other method ?
- 9.5   Is vertical leg of flashing **coordinated with water/air barrier** for continuity ?
- 9.6   At **stand-off shelf angle supports**, is flashing fully supported at all horizontal/vertical/sloped conditions to support laps, prevent flashing sag, and protect flashing from puncture ?

## ROOF-TO-WALL INTERFACE

Yes No

- 10.1   Has there been a **coordination meeting** between the mason and roof contractor ?
- 10.2   If the roofer supplied a flashing receiver piece to the mason, **is the receiver the appropriate size** ?
- 10.3   Will the roof contractor supply mason with a **flashing receiver piece** ?
- 10.4   Is the horizontal leg of flashing at least level or does it have a **positive pitch** to the exterior ?
- 10.5   Is the horizontal leg of the flashing **fully-supported** so it will not sag ?
- 10.6   Are details at this location **fully integrated to be water/air tight** before the veneer is installed ?
- 10.7   Is the flashing top edge **secured to the support wall** with a termination bar, or other method ?
- 10.8   Will there be a transition material installed under the roof receiver piece for water/air control continuity between the wall and roof ?

## TOP-OF-WALL/COPING/PARAPET

- |      | Yes                      | No                       |  |
|------|--------------------------|--------------------------|--|
| 11.1 | <input type="checkbox"/> | <input type="checkbox"/> | Is <b>thru-wall metal flashing</b> used at this location ?<br>Note: non-metallic membrane flashing is not best-practice under top-of-wall masonry copings since it can sag and be damaged by abrasion during service-life. |
| 11.2 | <input type="checkbox"/> | <input type="checkbox"/> | Is flashing at <b>least level or pitched</b> to drain ?  |
| 11.3 | <input type="checkbox"/> | <input type="checkbox"/> | Are top-of-wall masonry cap <b>anchor penetrations sealed</b> to make watertight ?   |

## WEEP VENTS

- |      | Yes                      | No                       |  |
|------|--------------------------|--------------------------|--|
| 12.1 | <input type="checkbox"/> | <input type="checkbox"/> | Are <b>weep vents installed</b> at flashing locations ?  |
| 12.2 | <input type="checkbox"/> | <input type="checkbox"/> | Is the horizontal mortar joint removed at weep vent locations so weep vent is in <b>direct contact with the flashing membrane</b> ?                    |
| 12.3 | <input type="checkbox"/> | <input type="checkbox"/> | Does the <b>weep vent spacing</b> conform to the construction documents ? Note: common weep vents spacing is 24" o.c., not to exceed 33" o.c. per code |
| 12.4 | <input type="checkbox"/> | <input type="checkbox"/> | If specified, are weep vents installed <b>at the top of wall cavities</b> ?  |
| 12.5 | <input type="checkbox"/> | <input type="checkbox"/> | Do weep vents allow <b>moisture out of the wall cavity and air into it</b> ? Rope wicks do not conform.  |

## GENERAL OBSERVATION NOTES

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