3.10 Wall Terminations

- Applicability
  A wall termination detail should be installed as specified by the designer and is applicable at all locations where the EPDM flashing ends at wall or curb upstand. The standard termination details illustrated in this section are applicable for each Firestone EPDM system. Consult Firestone’s Technical Department for assistance when specific roof conditions require the design of an alternative detail.

Coping stones, metal copings and metal edge profile details are used for upstands to be completely covered with EPDM flashing. Counterflashing and termination details can be used at upstands that are not flashed over their entire height.

- Installation Instructions

**Coping stone**
Eventually stop the EPDM flashings at a sufficient distance of the wall edge so as to allow a good adhesion of the mortar to the wall without compromising the watertightness of the detail. The EPDM flashing should be fully adhered to the substrate over its entire length.

*Fig. 3.10.1*

**Metal coping**
Install a wood nailer on top of the wall. Allow the EPDM flashing to extend beyond the wall edge by minimum 50 mm and fully adhere it to the wood nailer over its full length. Use galvanised nails with large heads (Ø 10 mm) to nail the EPDM flashing 150 mm on centre at the vertical face of the wood nailer. Ensure that the front part of the metal coping extends beyond the underside of the wood nailer by a minimum of 25 mm.

*Fig 3.10.2*
3. Installation

**Metal edge profile**

Fasten the metal edge profile at 100 mm centres with appropriate fasteners. Fasten the flange as close as possible to its edge to ensure sufficient overlap of the flashing material at both sides of the fastener. When necessary, clean the membrane and metal edge flange with Splice Wash, following the previously described procedure.

Special considerations should be made for copper edge profiles. Copper may be weathered or coated which could make it difficult to adhere to. Therefore special cleaning techniques should be used to prepare the copper surface. Firestone requires the copper to be scrubbed with acetone or thinner, using clean cotton cloths.

Install the QuickSeam Flashing over the metal flange using QuickPrime Plus, taking care to centre the roll over the fastener heads. Roll the QuickSeam Flashing with a silicone rubber roller and seal all exposed cut edges with Lap Sealant.

Special considerations should be made at the end of a roll, at field splices, corners and where adjoining pieces of metal edge profile overlap. Install a cover piece at all these locations as illustrated.
The monotrim metal profile edge does not require the above-described flashing method.

**Termination Bar**

The required height for the EPDM flashing should be determined by local regulations. For situations where this condition cannot be satisfied, Firestone requires that the flashing height exceeds the potential water level of a blocked drain. Suitable substrates for a Termination Bar are concrete, smooth bricks, blocks or masonry. A termination bar may never be mounted to a wooden substrate.

Keep a minimum space of 5 mm between two adjoining bars. The termination bar must be installed directly to the wall surface, not to existing flashings, sheet metal, etc. Pre-drill holes into the brick, masonry or concrete and not into the soft mortar joint. A Termination Bar must be cut at inside and outside corners. Do not bend the bar around the corners. Prior to installation of the Termination Bar, pull back the topside of the membrane flashing 20 mm and apply a bead of Water Block between the membrane and the wall.

Install the Termination Bar with an acceptable hammer plug system at 200 mm o.c. A continuous compression is required and may need additional fastening. Each Termination Bar must be fastened a maximum of 25 mm from the end.

Apply a bead of Lap Sealant on the topside of the bar. At all locations where base flashings end, install the Termination Bar vertically. Apply Lap Sealant to both sides of the bar.
**Counterflashing**

The EPDM flashing must be fully adhered over its entire height and shall be mechanically attached at the top with a metal batten strip. Allow the counterflashing to cover the top of the metal strip by minimum 100 mm.

![Counterflashing Diagram](image-url)