



TECHNICAL BRIEF | #2023-001

# Weather Blocking For Roof Vents In Florida

In response to the inquiries from industry professionals regarding weather blocking of roof vents the Tile Roofing Industry Alliance provides the following guidance.

For jurisdictions in Florida that allow mortar as a weather blocking option for vents or other similar penetrations, the language found in the new FRSA/TRI Florida High Wind Installation Manual 6th & 7th Edition, provides the following information.

As roof vents or other similar penetrations would be similar to a Plumbing Stack/Soil Stack for installation on concrete or clay roof tile, mortar, flexible metals or code approved alternatives may be used in a similar fashion as described below unless precluded by local codes.

## **Plumbing Stacks/Soil Stacks – Choose one of the following:**

**Pre-Formed Soil Flashing (with returns)** – A lead skirt flashing or flexible flashing with minimum 18” x 18” base shall be used. This flashing shall be woven in with the tile coursing. *See Drawing FHW-21*

**Pre-Formed Flashing (without returns)** – Cut tile to fit close to plumbing stack; fill void with mortar and point to finish. *See Drawing FHW-20.*

**Coatings – (Optional)** Sealer may be applied to exposed mortar. Color coordinated paint may be applied to metal flashings.

Please consult with the roof vent manufacturer and local building officials for any additional restrictions, product approvals or compliance requirements. For roof vents made of aluminum, please consult the vent manufacturer about application. Mortar is not recommended to be applied in contact with aluminum due to risk of corrosion of metal and degradation of the mortar.

For more information on tile roofing, please visit our website at [tileroofing.org](http://tileroofing.org) or email [info@tileroofing.org](mailto:info@tileroofing.org) for specific inquiries.

## **TRI ALLIANCE**

2150 N 107th Street Suite 205 Seattle, WA 98133

P: 206-209-5300. E: [info@tileroofing.org](mailto:info@tileroofing.org) website: [tileroofing.org](http://tileroofing.org)