



Not to scale.

### PRODUCT DESCRIPTION

The Thermal-Grip<sup>®</sup> Masonry Veneer Anchor helps solve the challenge of thermal-bridging, air and water hold-out, and labor savings at an affordable price. Anchors brick veneer back to substrate through a layer of continuous insulation while maintaining air barrier integrity and thermal efficiency.

### APPROPRIATE ACCESSORIES

Seismic clip accessory available for use in seismic zones. Please consult your local engineer to determine if this is needed for your project.

### PRODUCT SPECIFICATIONS

**Basis of Design:** Thermal-Grip<sup>®</sup> MVA Masonry Veneer Anchor as manufactured by TRUFAST Walls.

**Application:** Attaches rigid insulation and anchors brick veneer to the supporting structure in masonry cavity wall construction.

- Anchors brick veneer through continuous insulation to steel, wood, or masonry structure while maintaining air barrier performance when used with Thermal-Grip brick tie washer.
- Transfers compression and tension loads to the structure ensuring long term air barrier performance.

**Description:** Barrel style brick tie anchors brick and stone through continuous insulation and exterior gypsum sheathing to substrate.

- Polycarbonate tube minimizes thermal transfer of heat energy by eliminating steel-on-steel contact of the wire-tie and structural screw.
- Wedge seal feature of the polycarbonate tube is designed to seal the blind penetration of the air barrier/water resistive barrier behind the layer of continuous insulation.
- Lengths available for sheathing/insulation assembly thicknesses ranging from 1 to 4 inches (25 to 102 mm), plus air gaps ranging from 1 to 2 inches (25 to 51 mm).

**Screw Tip:** Self-drilling style (SDS) screw for steel studs, wood studs, and masonry.

### CODE & TESTING

ASTM E331\*

ASTM E2357

TMS 402

\*Multiple assemblies of various insulations attached over various air/water barriers have been tested as per E331 up to 25 psf with no leakage. Please inquire for additional details.

### MATERIAL SPECIFICATIONS

Fastener components made of various proprietary materials including:

Washer - Polypropylene

Barrel - Polycarbonate

Screw - Carbon steel with proprietary exterior grade coating

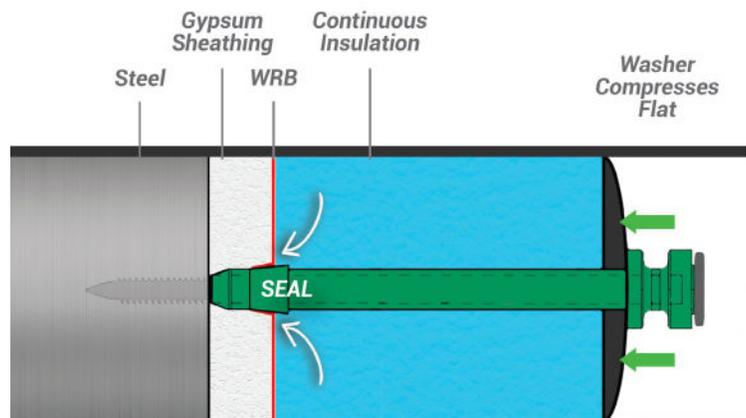
Wire - Carbon steel with galvanized coating OR stainless steel

### PRODUCT SELECTION

Part No.	Description	Pkg. Qty.	Pkg. Wt.
MVA-LD-1000	1" assembly	250 pcs.	15 lbs.
MVA-LD-1500	1-1/2" assembly	250 pcs.	15 lbs.
MVA-LD-2000	2" assembly	250 pcs.	17 lbs.
MVA-LD-2500	2-1/2" assembly	250 pcs.	18 lbs.
MVA-LD-3000	3" assembly	250 pcs.	20 lbs.
MVA-LD-3500	3-1/2" assembly	250 pcs.	22 lbs.
MVA-LD-4000	4" assembly	250 pcs.	22 lbs.
MVAW-3000-HDG	3" wire tie hot-dip	250 pcs.	22 lbs.
MVAW-3000-SS	3" wire tie stainless steel	250 pcs.	22 lbs.
MVAW-4000-HDG	4" wire tie hot-dip	250 pcs.	25 lbs.
MVAW-4000-SS	4" wire tie stainless steel	250 pcs.	25 lbs.

### PRODUCT FEATURES

- Uniquely designed for minimal thermal-bridging
- Maintains air-barrier performance
- Design allows anchor to cut cleanly through WRB and seal it behind insulation
- Redundant fire-safety helps retain wire in event of a fire in the wall cavity
- Suitable for all substrates
- Wire tie design allows for easy assembly
- Patented and/or patent pending



### INSTALLATION GUIDELINES

Ensure Thermal-Grip MVA barrel length is appropriate for the assembly thickness being installed to enable a positive connection with the substrate and seal on surface of WRB. The product should be sized equal to the thickness of all layers penetrable by the barrel (insulation and gypsum, OSB/plywood are NOT penetrable). Please inquire for additional details.

Ensure Thermal-Grip MVA wire tie length is appropriate for the air gap thickness. Please inquire for additional details.

When installing the Thermal-Grip MVA into concrete or CMU, pre-drilling is required. Pilot holes should be drilled using a 3/16" masonry bit.

Bulletin No. TFW-23113

### DISCLAIMER

The information provided here is subject to change without notice. The performance specifications published in this TRUFAST<sup>®</sup> Walls product literature are based on controlled laboratory tests and are intended as a guideline only. They are not guaranteed in any way by the ALTENLOH, BRINCK & CO. US, INC., since building

design, engineering, and construction, including workmanship and materials, are beyond the control of the manufacturer. The manufacturer recommends that pull-out tests be conducted to verify the substrate provides adequate pull-out values.