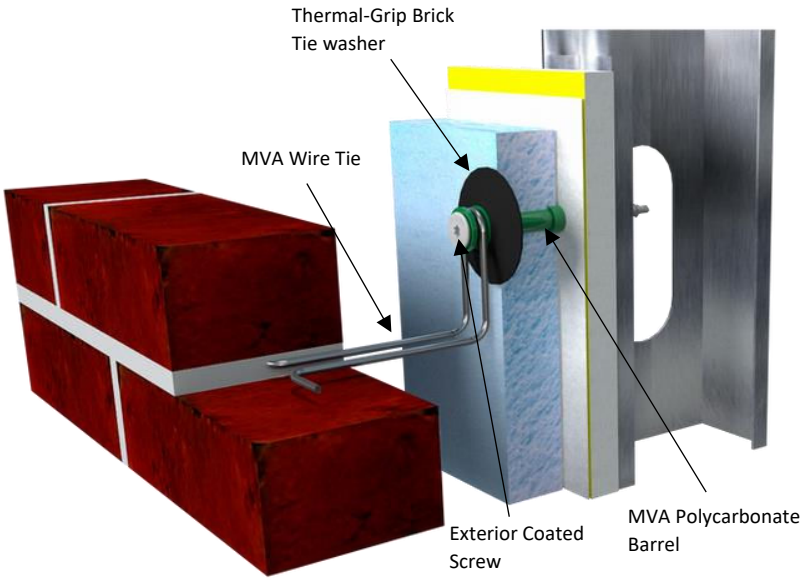
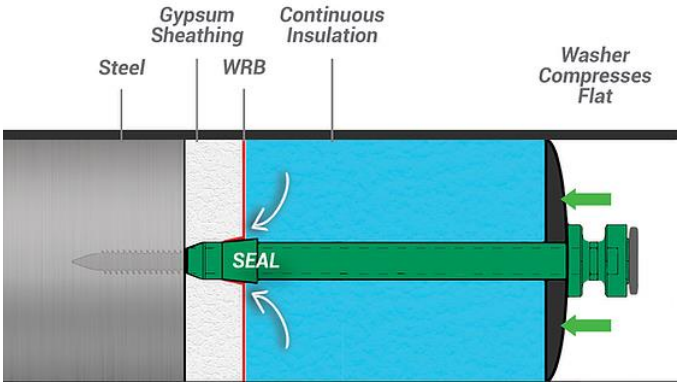
Thermal-Grip MVA Submittal Sheet





The Thermal-Grip Masonry Veneer Anchor has been uniquely designed to help solve the challenge of thermal-bridging, air and water hold-out, and labor-savings at an affordable price. Compliant with TMS 402 building code requirements for masonry structures. Meets or exceeds ASTM E2357 and E331 air and water hold-out testing. Patented and/or patent pending.

Thermal-Grip MVA Ultimate Load			
Test specimen	Avg. ultimate load	Min. ultimate load	Test method
2” MVA with 4” wire tie	1,321 lbs	1,145 lbs	Tension
2” MVA with 4” wire tie	289 lbs	254 lbs	Compression

Material Information

Barrel: SABIC LEXAN 143 Polycarbonate
Wire Tie: ASTM A580 (Stainless Steel 304)
Tensile: 102,500 – 150,000
Yield: 70,000 psi
ASTM A510 (Hot-Dip Galvanized ASTM A153B2 1.5 oz. per sf.)
Tensile Strength: 85,000 – 110,000 psi
Yield: 70,000 psi
Washer: Polypropylene with carbon black UV stabilizer
Screw: ASTM A510 (Carbon Steel)
ASTM B117 – 1000 hour corrosion protection
Screw Pullout Values

- MVA-LD – 18ga: 694 lbs
- MVA-LD – 16ga: 896 lbs
- MVA-HD – 14ga: 1036 lbs
- MVA-HD – 12ga: 1450 lbs
- MVA-LD – CMU Block: 476 lbs
- MVA-LD – Wood: 662 lbs

Product Sizing/Materials

Substrate

☐ Steel - 16-18 ga. ☐ Steel - 12-14 ga. ☐ Masonry ☐ Wood

Insulation Thickness

☐ 1” ☐ 1.5” ☐ 2” ☐ 2.5” ☐ 3” ☐ 3.5” ☐ 4”

Applicable Sheathing Layer

☐ Gypsum ☐ OSB/Plywood ☐ N/A

3/16” Wire Tie Length

☐ 3” ☐ 4” ☐ Other: ____

3/16” Wire Tie Finish

☐ Stainless Steel ☐ Hot-Dip Galvanized

Note: No two construction projects are exactly alike, specific applications may require differing products. To ensure that the appropriate product is selected for your project, please consult TRUFAST Walls to provide necessary project details.

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