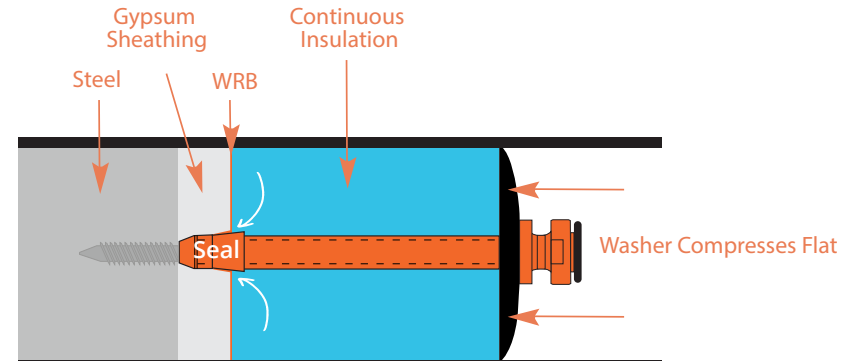
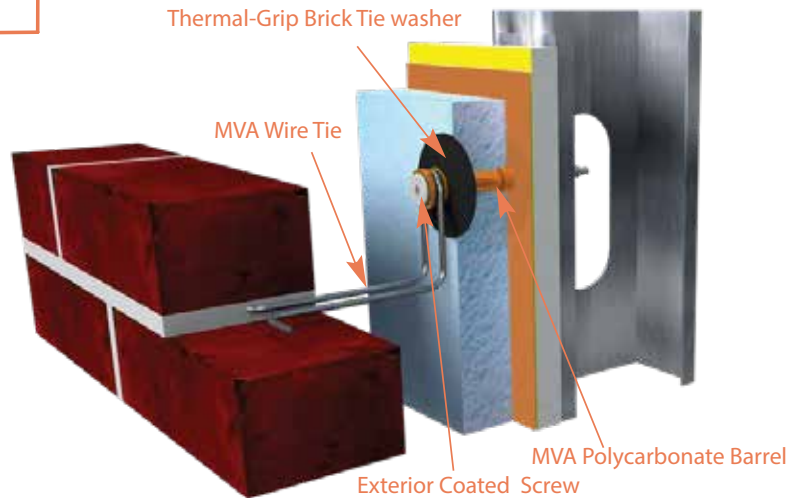


THERMAL-GRIP MVA

SUBMITTAL



Thermal-Grip MVA Ultimate loads (ASTM E754)

Test Specimen	Tension		Compression	
	Average	Minimum	Average	Minimum
2" MVA with 4" wire tie	1,321 lb	1,145 lb	289 lb	254 lb
4" MVA with 4" wire tie	1,622 lb	1,355 lb	272 lb	263 lb

Material Information		Product Sizing/Materials	
Barrel:	SABIC LEXAN 143 Polycarbonate	Substrate	<input type="checkbox"/> Wood <input type="checkbox"/> CMU or Concrete <input type="checkbox"/> 16 to 24ga steel (3/16" pilot hole required)
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	Insulation Thickness	<input type="checkbox"/> 1" <input type="checkbox"/> 1.5" <input type="checkbox"/> 2" <input type="checkbox"/> 2.5" <input type="checkbox"/> 3" <input type="checkbox"/> 3.5" <input type="checkbox"/> 4"
Washer:	Polypropylene with carbon black UV stabilizer	Applicable Sheathing Layer	<input type="checkbox"/> Gypsum <input type="checkbox"/> OSB/Plywood <input type="checkbox"/> N/A
Screw:	ASTM A510 (Carbon Steel) ASTM B117 – 1000 hour corrosion protection Screw Pullout Values CMU Block: 476 lbs Wood: 662 lbs 18ga: 694 lbs 16ga: 896 lbs	To determine MVA barrel size, match the barrel length to the depth of the insulation only, EXCEPT when installing into gypsum board. When your barrel is being installed into Gypsum board, please add 1/2" to your barrel length.	
		3/16" Wire Tie Length	<input type="checkbox"/> 3" <input type="checkbox"/> 4" <input type="checkbox"/> Other: ____
		3/16" Wire Tie Finish	<input type="checkbox"/> Stainless Steel <input type="checkbox"/> Hot-Dip Galvanized
<small>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 PROSOCO to provide necessary project details.</small>			

Note: For full pullout value tables including lighter gauge steel, plywood, and OSB, see Thermal Grip MVA Technical Brochure

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.

DATE:	APPROVED BY:	DRAWN BY:
SCALE: NTS		REVISED:
PROJECT:		
CUSTOMER:		DRAWING NUMBER: