SureTie WS Anchoring System **Thermal**

**MATERIAL CONFORMANCE**
- ASTM A1064/A1064M, A82 / A82M - (Cold drawn steel wire)
  - Tensile Strength - 80,000 psi
  - Yield Point - 70,000 psi
- **ACI / ASCE 530** - (Building code requirements for masonry structures)
- Mill Galvanized / Zinc Coating: ASTM A641 / A641M (0.10 oz per sq ft)
- Hot Dip Galvanized after fabrication / Zinc Coating
  - ASTM A153 / A153M-B2 (1.50 oz per sq ft)
- Stainless Steel ASTM 580 / ASTM 580M Type 304 (Type 316 available on special order)

**Recycled Content:**
- Mill Galvanized & Hot Dipped, 82.8% Post-Consumer
- 17% Post Industrial / Pre-Consumer
- Stainless Steel, 60% Post Consumer
- VOC Content - 0%

**Insulation:**
- 1"  1-1/2"  2"  2-1/2"  3"  3-1/2"  4"  4-1/2"
- 5/8"  1/2"

**Test Results Available Upon Request**

**SIZES / FINISHES**

**# 4522 SureTie WS**
- Silver-gray climaseal finish resulted in 0% red rust at 1000 hours exposure to ASTM B-117 salt spray testing.

**Insulation:**
- Mill Galvanized
- Hot Dip Galvanized
- Stainless Steel

**# 4515 SureTie Double Hook**
- 3/16" dia.
- 3"  4"  5"

**FINISH : ( Sure Tie Hook)**
- Mill Galvanized
- Hot Dip Galvanized
- Stainless Steel

**#4590 Thermal Grip Washer**
- 2" dia. washer with solid cap design (no keyholes)
- Pre-spotting prongs
- Stiffened center "Bullseye" ring prevents fastener pull-through
- Flexible perimeter compresses on surface and reduces tearing
- Flattens on surface of insulation

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**Corporate Office:** 400 Rountree Rd  Charlotte, NC 28217  
**TEL:** (800) 849-6722  **FAX:** (704) 525-3761

**Mailing Address:** P.O. Box 240988  Charlotte, NC 28224

**Memphis Plant:** 2365 Harbor Ave.  Memphis, TN 38113  
**TEL:** (800) 441-8359  **FAX:** (901) 775-9449

**Mailing Address:** P.O. Box 13124  Memphis, TN 38113

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"SureTie fasteners do not create any significant thermal bridging effects on the wall system."

WIRE-BOND

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