

400 Commonwealth Ave.
Bristol, Virginia 24201 USA
(276) 645-8000
www.strongwell.com

STRONGIRT™

Pultruded FRP Cladding Attachment Support System

1. Product Description:

STRONGIRT™ continuous insulation (CI) cladding attachment support system is an all-FRP (fiberglass) pultruded composite made of custom fire-retardant resin system and unique laminate design to offer superior pull out strength, excellent thermal efficiency, and the ability to work with any standard insulation. STRONGIRT™ also offers self-draining weep holes to clear rainwater.

2. Dimensions:

STRONGIRT™ profiles are available in various depths to accommodate insulations of thickness 2" to 6" in ½" increments.

3. Properties:

Property	Test Method	Minimum Value*
Tensile Strength (LW), psi	ASTM D638	30,000
Tensile Modulus (LW), psi	ASTM D638	2.5 x 10 ⁶
Short Beam Shear Strength (LW), psi	ASTM D2344	4,500
Screw Pullout Load*, lbf	ASTM D7332	862
Flammability Classification**	ASTM E84	Flame Spread: Class A, 10 Smoke Density: Class A, 160
Thermal Conductivity ⁺ , BTU-in/ft ² -Hr/°F	ASTM C177	4

* Screw Pullout Load is the **mean value** tested using ¼" # 14 external hex head drilling screws.

**Tested as an assembly with mineral wool insulation

+ Typical value