



## Quarrix ProTect Furring Strips Technical Specifications

### Overview and Application

Quarrix ProTect Furring Strips are vented strips that can be applied vertically or horizontally behind cladding materials on walls in order to create a drainage plane for trapped water to run off and an air cavity to promote drying. ProTect Furring Strips are a critical element of a rainscreen system that will help extend the life of the siding material and prevent moisture damage to exterior walls.

### Specifications

Product	Item #	Dimensions (L x W x H)	NFA	Material
Furring Strips – 1 1/2" x 3/8"	61106	Imperial: 4' 4" x 1 1/2" x 3/8" Metric: 1.32 m x 3.81 cm x 10 mm	3.8 sq in/ft	Polypropylene (PP)
Furring Strips – 1 1/2" x 5/16"	20247	Imperial: 8' 8" x 1 1/2" x 5/16" Metric: 2.64 m x 3.81 cm x 8 mm	2.8 sq in/ft	High Density Polyethylene (HDPE)
Furring Strips – 3" x 5/16"	20347	Imperial: 8' 8" x 3" x 5/16" Metric: 2.64 m x 7.62 cm x 8 mm	2.8 sq in/ft	High Density Polyethylene (HDPE)
Furring Strips – 1 1/2" x 3/4"	40247	Imperial: 8' 8" x 1 1/2" x 3/4" Metric: 2.64 m x 3.81 cm x 19 mm	5.6 sq in/ft	High Density Polyethylene (HDPE)
Furring Strips – 3" x 3/4"	40347	Imperial: 8' 8" x 3" x 3/4" Metric: 2.64 m x 7.62 cm x 19 mm	5.6 sq in/ft	High Density Polyethylene (HDPE)

### Compatible Cladding Types

- Fiber Cement
- Wood
- Stone
- Lap Siding
- Shakes
- Board & Batten
- Open-Joint Claddings

### Testing

- Impact Resistance
  - Completed and passed impact resistance testing per ASTM D3746
- Water Absorption
  - Little to no water absorption (.001% - .01%) after long-term exposure per ASTM D570
- Compression & Shear Strength
  - Compressive strength to 130 psi with 180#/msf material per TAPPI T-804 ref. ASTM D642)
- Temperature Resistance
  - Brittleness temperature to -103° F per ASTM D746
  - Deflection temperature of 162° F at 66 psi per ASTM D648
- Fire Properties
  - Burn rate of 2.5"/min per ASTM D6350-91
  - Self-ignition temperature of 734° F per ASTM D1929-91A
  - Smoke density of 9.3% - "Excellent" rating per ASTM D2843-93
- UV Exposure
  - Accelerated UV exposure resistance per SAE J2527, tested to approximately 3.5 years of full exposure in equivalent conditions to Florida sun exposure
  - Can be exposed for up to 12 months prior to installation of cladding material
  - Can be installed behind open-joint cladding systems