



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