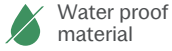
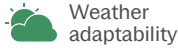


# TECHNICAL DATA SHEET

## Co-Extruded WPC Wall Panel



Water proof material



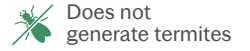
Weather adaptability



Environmentally friendly



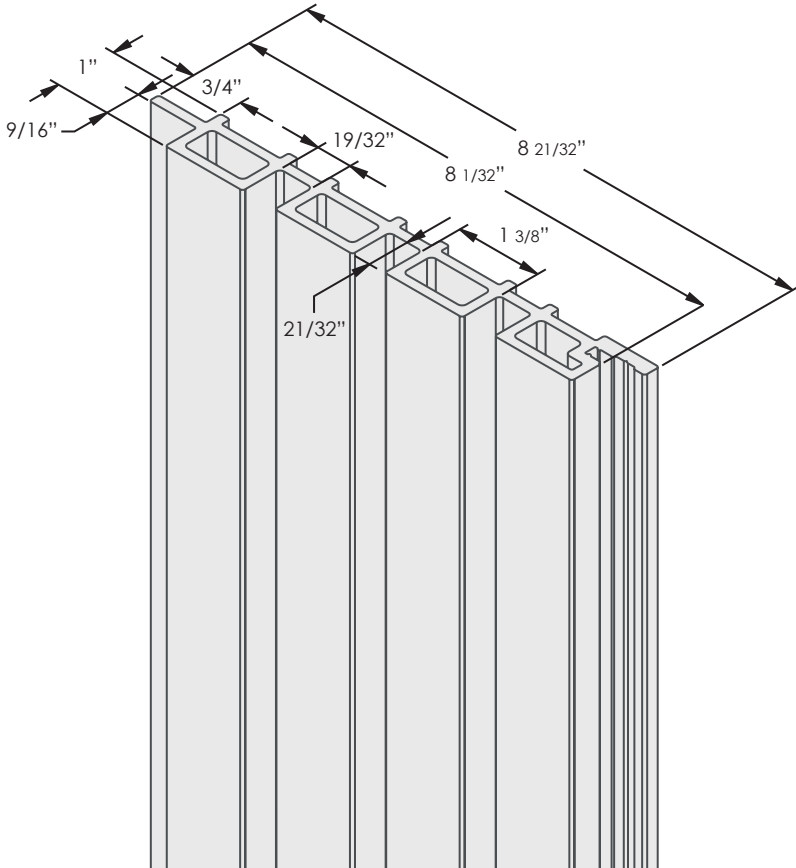
Low maintenance



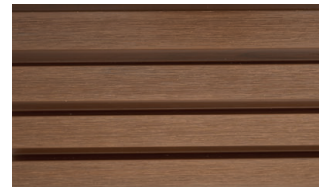
Does not generate termites

### ISOMETRIC VIEW

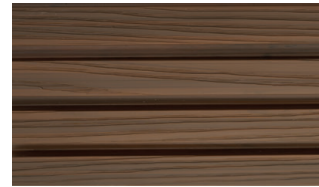
\*Inch dimensioning\*



### COLORS AVAILABLE



A13 Teak Brushed



A14 Walnut Veined



A66 Jet Black Brushed

### MATERIAL SPECIFICATIONS

|                            |                              |
|----------------------------|------------------------------|
| Material:                  | WPC (Wood Plastic Composite) |
| Use:                       | Outdoor                      |
| Presentation:              | Box                          |
| Pieces per Box:            | 4 Pieces                     |
| Ft <sup>2</sup> per Box:   | 27.46 ft <sup>2</sup>        |
| Ft <sup>2</sup> per Piece: | 6.86 ft <sup>2</sup>         |
| Weight per Piece:          | 16.53 lb                     |

### MATERIAL COMPOSITION AND PHYSICAL-CHEMICAL TESTS

| Test Items                           | Results   |
|--------------------------------------|---|
| Composition                          | 50% Wood Fibres / 40% HDPE / 10% Chemical additives   |
| Density gr/cm <sup>3</sup>           | 1.29 gr/cm <sup>3</sup>                               |
| Water absorption (28 days immersion) | 4%  |
| Linear thermal expansion             | 43.9x10 <sup>-6</sup> / C                             |
| Elastic recovery rate                | 81%   |
| Formaldehyde content                 | No detected   |
| Abrasion resistance                  | 31 mg/1000r   |
| Resistance to artificial weathering  | After 2000 hours exposure<br>ΔE*=0.61, Grey scale=4-5 |
| Bending strength                     | 15.55 MPA   |
| Load deflection 500N                 | 2.90 mm   |
| Modulus of elasticity                | 1892 MPA  |
| Load Capacity (Spacing 400 mm)       | 3751N   |
| Impact resistance                    | 4.2 KJ/m <sup>2</sup>                                 |
| Fire classification                  | C-s1, d0  |

### DIMENSIONS

H: 1" / W: 8 21/32" / L: 9.51'

