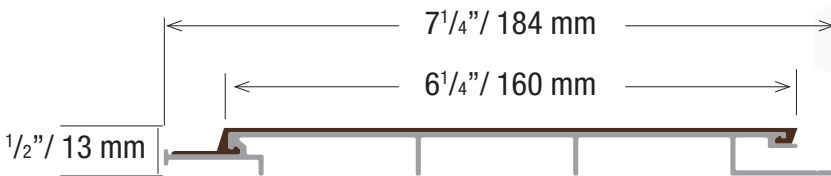


Vertigo 5010

Geolam[®]
Architectural Eco-Technology

Hybrid Aluminum/WPC Cladding/Soffit

Datasheet



*Technical information may change without warning.
Please ensure you that you reference our latest as shown on our website at www.usa.geolam.com*

Thickness: 1/2 in | 13 mm
Total width: 7 1/4 in | 184 mm
Usable width: 6 1/4 in | 160 mm
Section tolerances in mm: + 0.5 / - 2.0

Fire rating:
Non-combustible as per ASTM E-136 (appendix)

Surfaces finish: Sanded

Profiles fastening and installation:
Check our website www.usa.geolam.com

Standard length: 12 ft | 3.66 m

Or order custom lengths from:
7 ft to 19 ft 8 in | 2.15 m to 6 m

Weight: 0.80 lb/ft | 1.19 kg/m

Secondary moment Ix (cm⁴): 0.56

Secondary moment Iy (cm⁴): 122.03

Section modulus Z+x (cm³): 0.68

Section modulus Z-x (cm³): 0.68

Section modulus Z+y (cm³): 13.47

Section modulus Z-y (cm³): 13.47

Core in anodized aluminum alloy:
A6063S-T5 Serie 6000

Coefficient of Thermal Expansion (20-100°C):
23.4 μm/m/°C

Modulus of Elasticity: 68.9 GPa

Max Tensile Strength: 186 Mpa

Carbon Footprint:
WPC : 1.54 kg CO₂ /Kg
Profile : 9.005 kg CO₂ /Kg

Sanding finish and/or shading may vary between runs

Standard Colors -  All standard colors stocked in the US, no minimum.



Teak



Moleskin



Rosewood



Ebony

Non-Standard Colors - 90 day lead time - Minimum order 5,000 lineal ft.



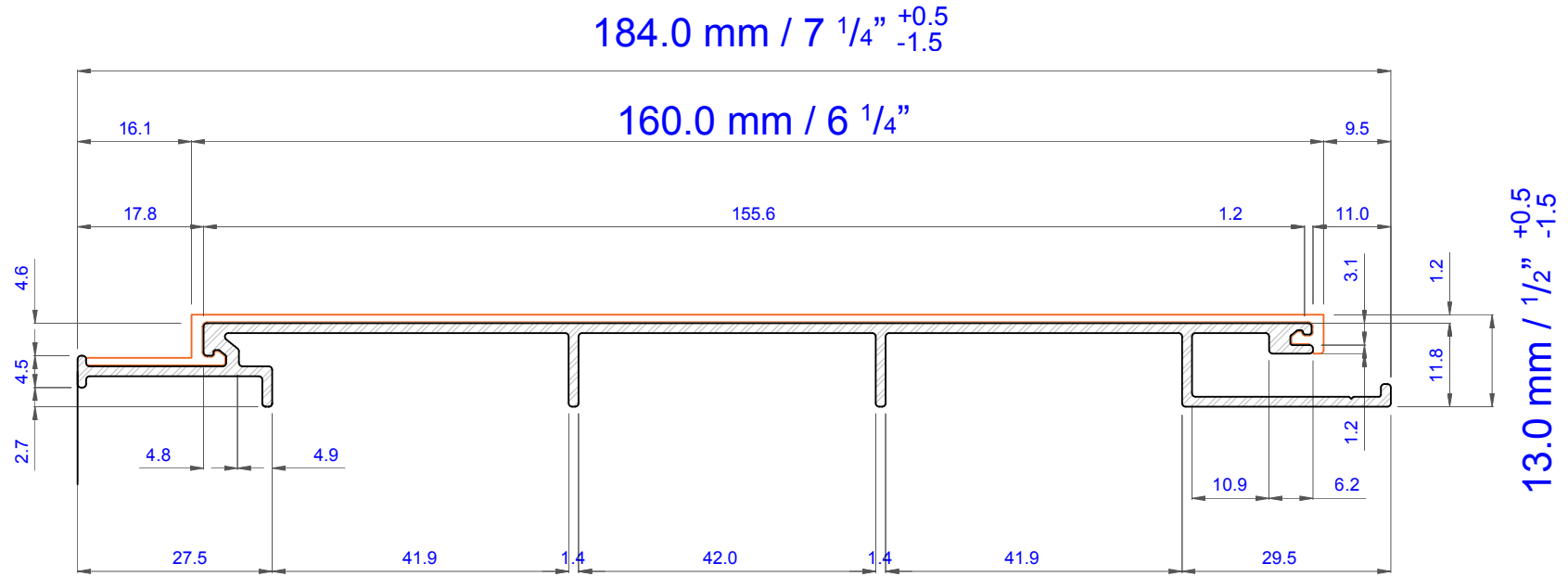
Carbon



Bilinga

Custom Colors Available - Minimum order 6,000 lineal ft.

usa.geolam.com
Toll free: 1-877-627-3530
info@geolaminc.com



Technical specifications, dimensions in mm		Cross section coefficient Z+x (cm ³)	0.68	Wood hybrid system WHS	Type 1.0
Weight (kg/ml)	1.29	Cross section coefficient Z-x (cm ³)	1.60	Vertigo 5010	
Cross section, secondary moment Ix (cm ⁴)	0.56	Cross section coefficient Z+y (cm ³)	13.47		
Cross section, secondary moment Iy (cm ⁴)	122.03	Cross section coefficient Z-y (cm ³)	12.85		