



Vertigo 5011



5 in x ¹/₂ in or 130 mm x 13 mm

Technical datasheet

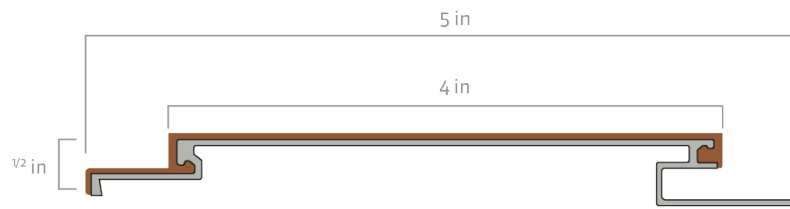


Vertigo 5011

WHS: Wood hybrid system

Geolam[®]

Architectural Eco-Technology



Section tolerances in mm: ± 2.0 mm or $\pm 3/32$ in

The outer wpc layer is sanded. The provided dimensions are average thickness (as well for all drawing in that document)

Fire rating:

On request:

ASTM E-84 class A

Euroclass NF EN 135011 : B, s3-d0

Euroclass NF EN 135011 : A2, s3-d0

NFP 92 -507 : M2 or M1

Surfaces finish: Sanded

Other surface textures available on request. Sanding finish and/or shading may vary between runs. WPC thickness may vary in compliance with flame test requirements.

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

Technical information may change without warning.

Standard length: 9 ft 10 in | 3.0 m

On order any length from: 7 ft to 19 ft 8 in | 2.15 m to 6 m

Weight: 0.52 lb/ft | 0.77 kg/m

Secondary moment Ix (cm⁴): 0.36

Secondary moment Iy (cm⁴): 34.58

Section modulus Z+x (cm³): 0.44

Section modulus Z-x (cm³): 0.95

Section modulus Z+y (cm³): 5.64

Section modulus Z-y (cm³): 5.19

Core in anodized aluminum alloy: A6063S-T5 Serie 6000

Coefficient of Thermal Expansion (20-100°C):

23.4 $\mu\text{m}/\text{m}/^\circ\text{C}$

Modulus of Elasticity: 68.9 GPa

Max Tensile Strength: 186 Mpa

Carbon Footprint:

WPC : 1.54 kg CO₂ /Kg WPC

Alu : 0.87 kg CO₂ /Kg Alu



Teak



Rosewood



Bilinga



Ivory



Limba



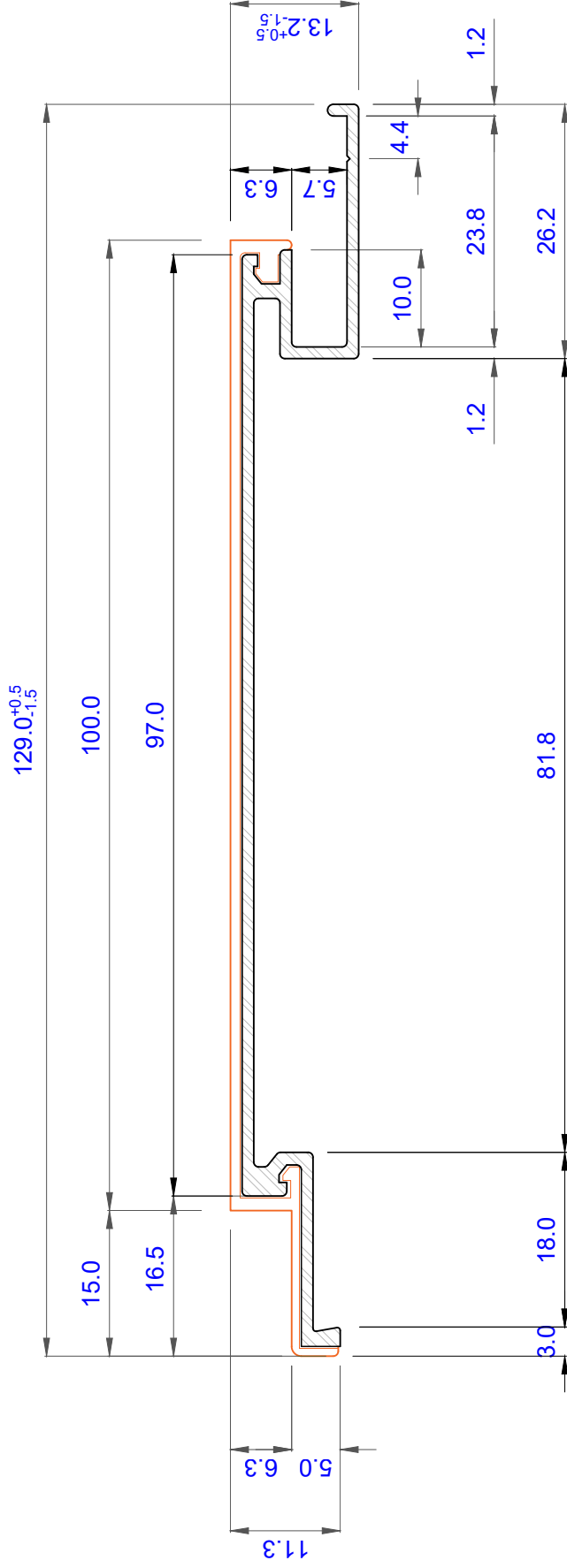
Wenge



Carbon



Any color on request



Technical specifications, dimensions in mm			Wood hybrid system WHS		Type 1.0
Weight (kg/ml)	0.77	Cross section coefficient Z+x (cm ³)		0.44	Vertigo 5011
Cross section, secondary moment Ix (cm ⁴)	0.36	Cross section coefficient Z-x (cm ³)		0.95	
Cross section, secondary moment Iy (cm ⁴)	34.58	Cross section coefficient Z+y (cm ³)		5.64	
		Cross section coefficient Z-y (cm ³)		5.19	