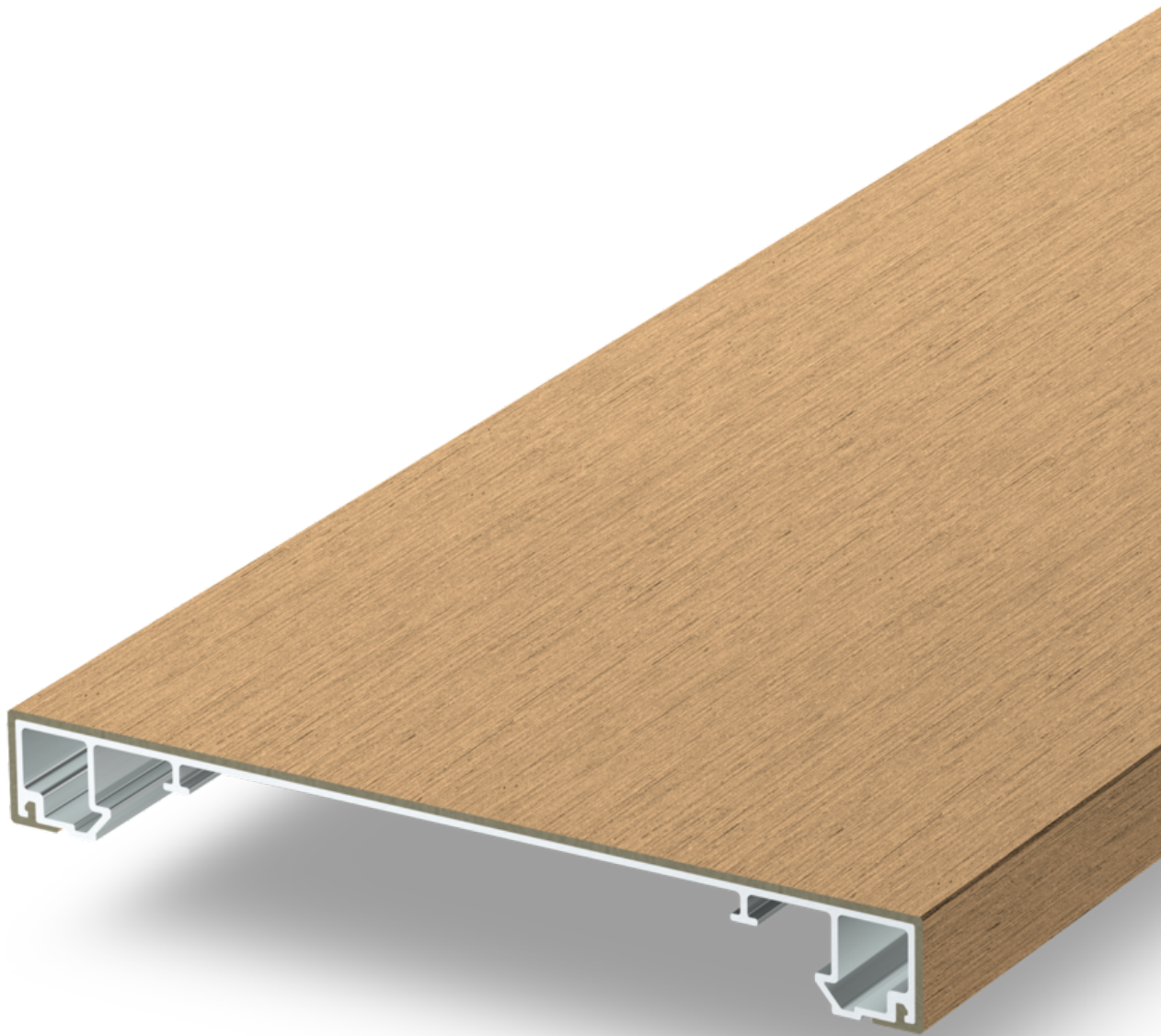




Vertigo 5054



6 ³/₄ in x ³/₄ in or 170 mm x 20 mm

Technical datasheet

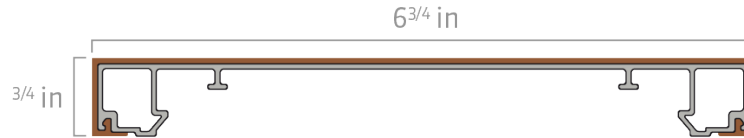


Vertigo 5054

WHS: Wood hybrid system

Geolam[®]

Architectural Eco-Technology



Section tolerances in mm: +0.5 / -2.0 mm or +1/64 to -5/64 in

The outer wpc layer is sanded for aesthetic reasons and consists of peaks and valleys; the dimension provided is average thickness

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: 0.94 lb/ft | 1.40 kg/m

Secondary moment I_x (cm⁴): 1.40 kg/m

Secondary moment I_y (cm⁴): 1.5

Section modulus Z_{+x} (cm³): 144.68

Section modulus Z_{-x} (cm³): 2.86

Section modulus Z_{+y} (cm³): 1.13

Section modulus Z_{-y} (cm³): 17.33

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:

138.01

Norms and certificates:

WPC : 1.54 kg CO₂ /Kg

Profile : 9.005 kg CO₂ /Kg



Teak



Limba



Rosewood



Wenge



Bilinga



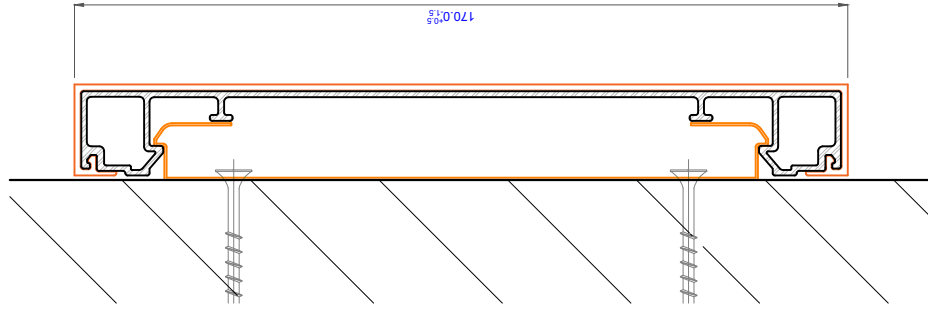
Carbon



Ivory



Any color on request



Technical specifications, dimensions in mm			Cross section coefficient Z+x (cm ³)	Wood hybrid system WHS	Type 1.0
Weight (kg/ml)		1.4	Cross section coefficient Z-x (cm ³)	1.13	Vertigo 5054
Cross section, secondary moment Ix (cm ⁴)		1.50	Cross section coefficient Z+y (cm ³)	17.33	
Cross section, secondary moment Iy (cm ⁴)		144.68	Cross section coefficient Z-y (cm ³)	17.33	