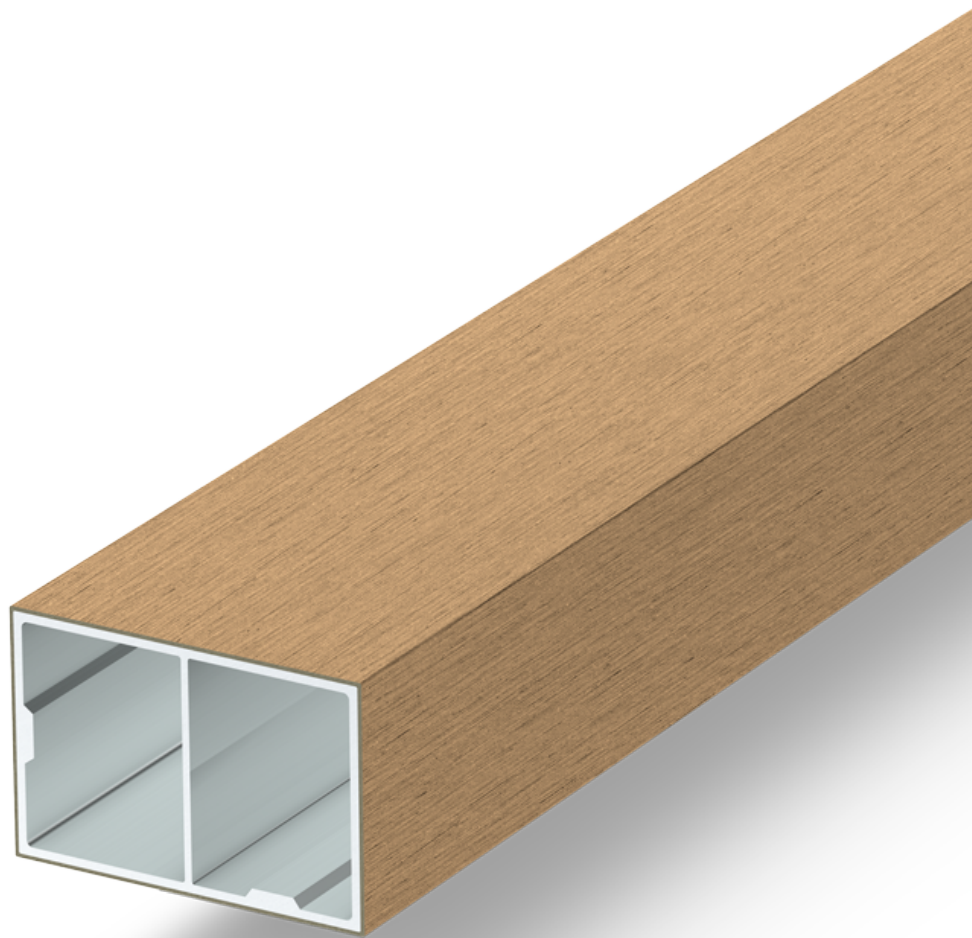




Soleo 6016



2 1/4 in x 1 1/2 in or 60 mm x 40 mm

Technical datasheet

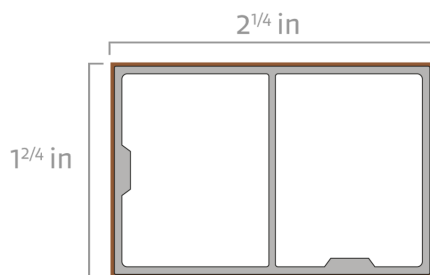


Soleo 6016

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: 0.71 lb/ft | 1.05 kg/m

Secondary moment Ix (cm⁴): 1.05 kg/m

Secondary moment Iy (cm⁴): 7.62

Section modulus Z+x (cm³): 14.19

Section modulus Z-x (cm³): 4.09

Section modulus Z+y (cm³): 3.81

Section modulus Z-y (cm³): 4.93

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:

334.44

Norms and certificates:

WPC : 1.54 kg CO₂ /Kg

Profile : 9.005 kg CO₂ /Kg



Teak



Limba



Rosewood



Wenge



Bilinga



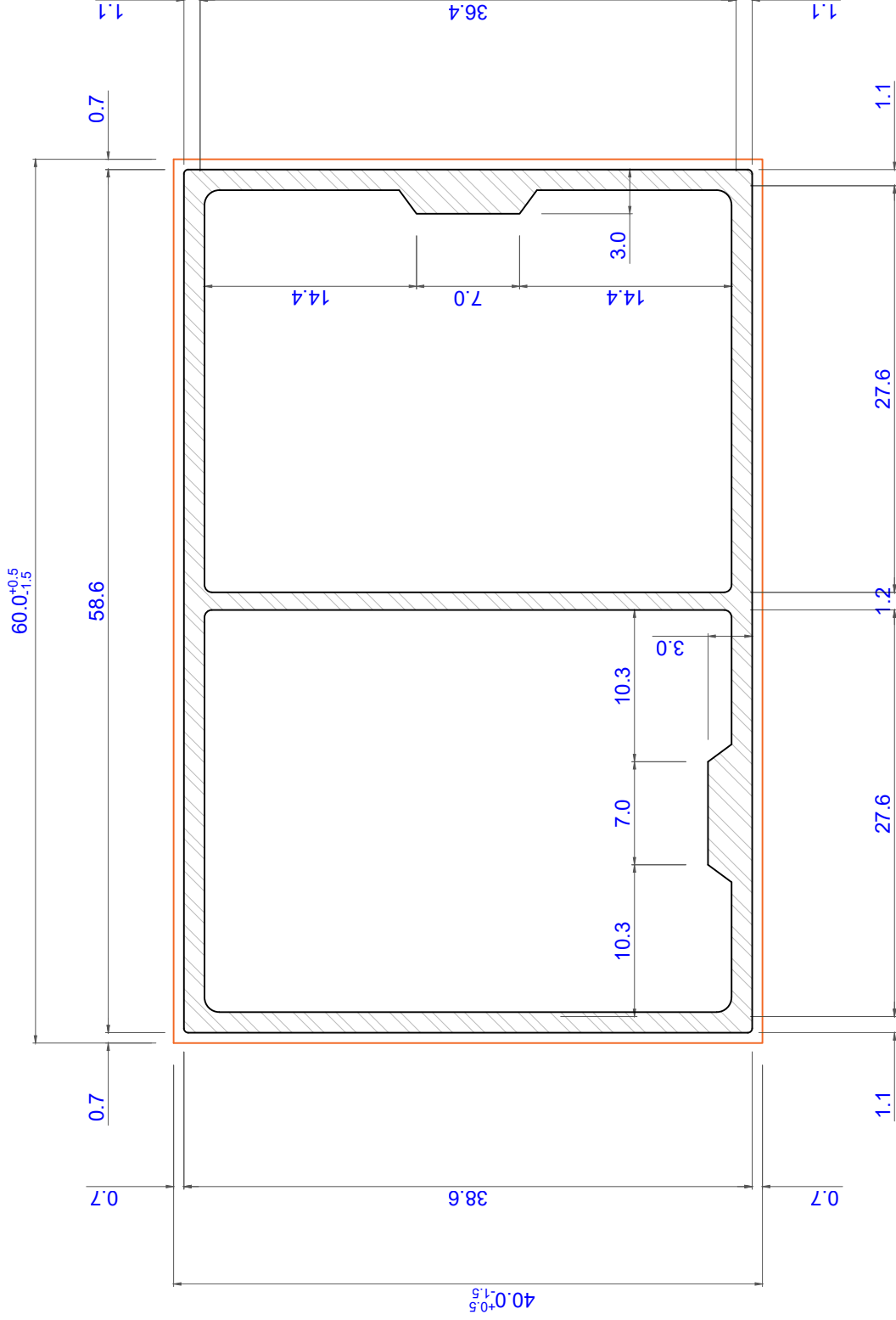
Carbon



Ivory



Any color on request



Technical specifications, dimensions in mm			Wood hybrid system WHS	Type 1.0
Weight (lbs/ft)	0.71	Soleo 6016		
Cross section, secondary moment Ix (cm ⁴)	7.62			
Cross section, secondary moment Iy (cm ⁴)	14.19			
Cross section coefficient Z+x (cm ³)		4.09	4.09	
Cross section coefficient Z-x (cm ³)		3.81		
Cross section coefficient Z+y (cm ³)		4.93		
Cross section coefficient Z-y (cm ³)		4.76	4.76	