

Soleo 6020 - PVC



4 x 2 in or 100 mm x 52 mm

Technical datasheet

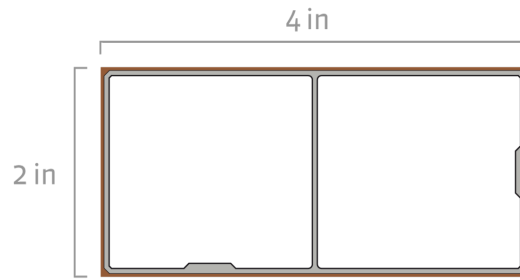


Soleo 6020 - PVC

WHS: Wood hybrid system



Architectural Eco-Technology



Section tolerances in mm: +/- 2.0 mm or +/- 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:

Flame Spread Index : 15 (see attached Report)

On request:

ASTM E-84 class A

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: 0.99 lb/ft | 1.47 kg/m

Secondary moment Ix (cm⁴): 18.24

Secondary moment Iy (cm⁴): 55.27

Section modulus Z+x (cm³): 7.73

Section modulus Z-x (cm³): 7.32

Section modulus Z+y (cm³): 11.09

Section modulus Z-y (cm³): 10.8

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 WPC

Alu : 0.87 kg CO₂/Kg Alu

Norms and certificates:

Intertek P1619.01-121-24



Teak



Limba



Rosewood



Wenge



Bilinga



Carbon



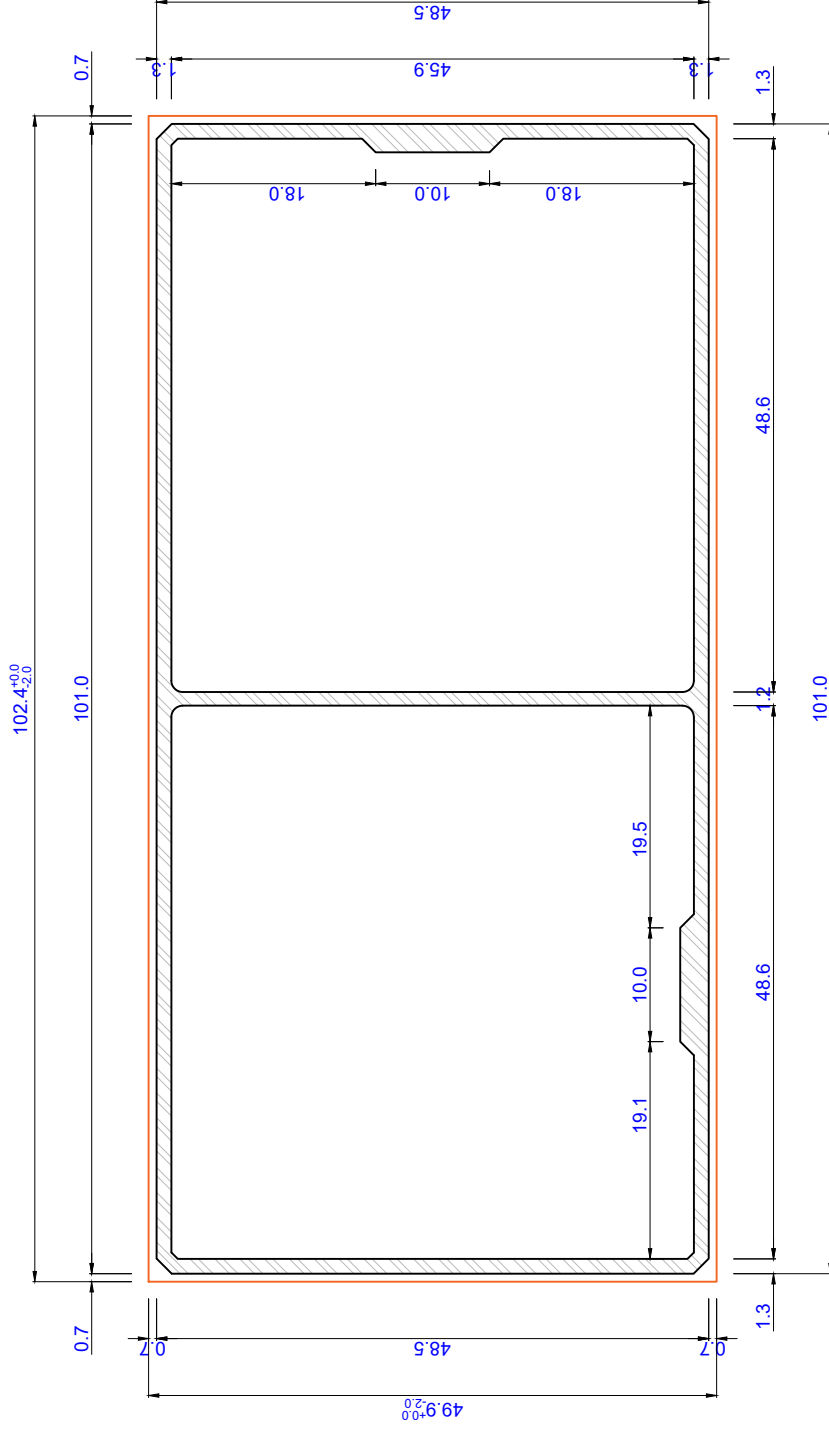
Ivory



Any color on request

Accessories available

End caps: WPC



Technical specifications, dimensions in mm

Weight (lbs/ft)	0.99	Cross section coefficient Z+x (cm ³)	7.73	Wood hybrid system WHS	Type 1.0
Cross section, secondary moment Ix (cm ⁴)	18.24	Cross section coefficient Z-x (cm ³)	7.32	Soleo 6020	
Cross section, secondary moment Iy (cm ⁴)	55.27	Cross section coefficient Z+y (cm ³)	11.09		
		Cross section coefficient Z-y (cm ³)	10.80		