

Soleo 6264



7 ³/₄ in x 4 in or 200 mm x 100 mm

Technical datasheet

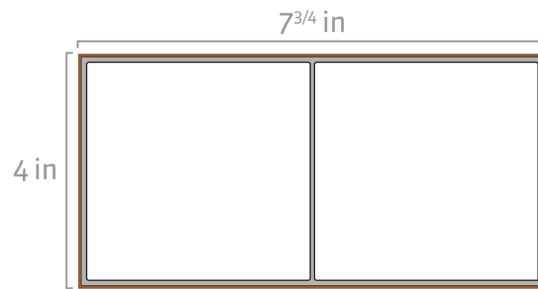


Soleo 6264

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:

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: 3.35 lb/ft | 4.99 kg/m

Secondary moment Ix (cm⁴): 259.17

Secondary moment Iy (cm⁴): 733.35

Section modulus Z+x (cm³): 53.1

Section modulus Z-x (cm³): 53.12

Section modulus Z+y (cm³): 74.21

Section modulus Z-y (cm³): 74.23

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



Teak



Limba



Rosewood



Wenge



Bilinga



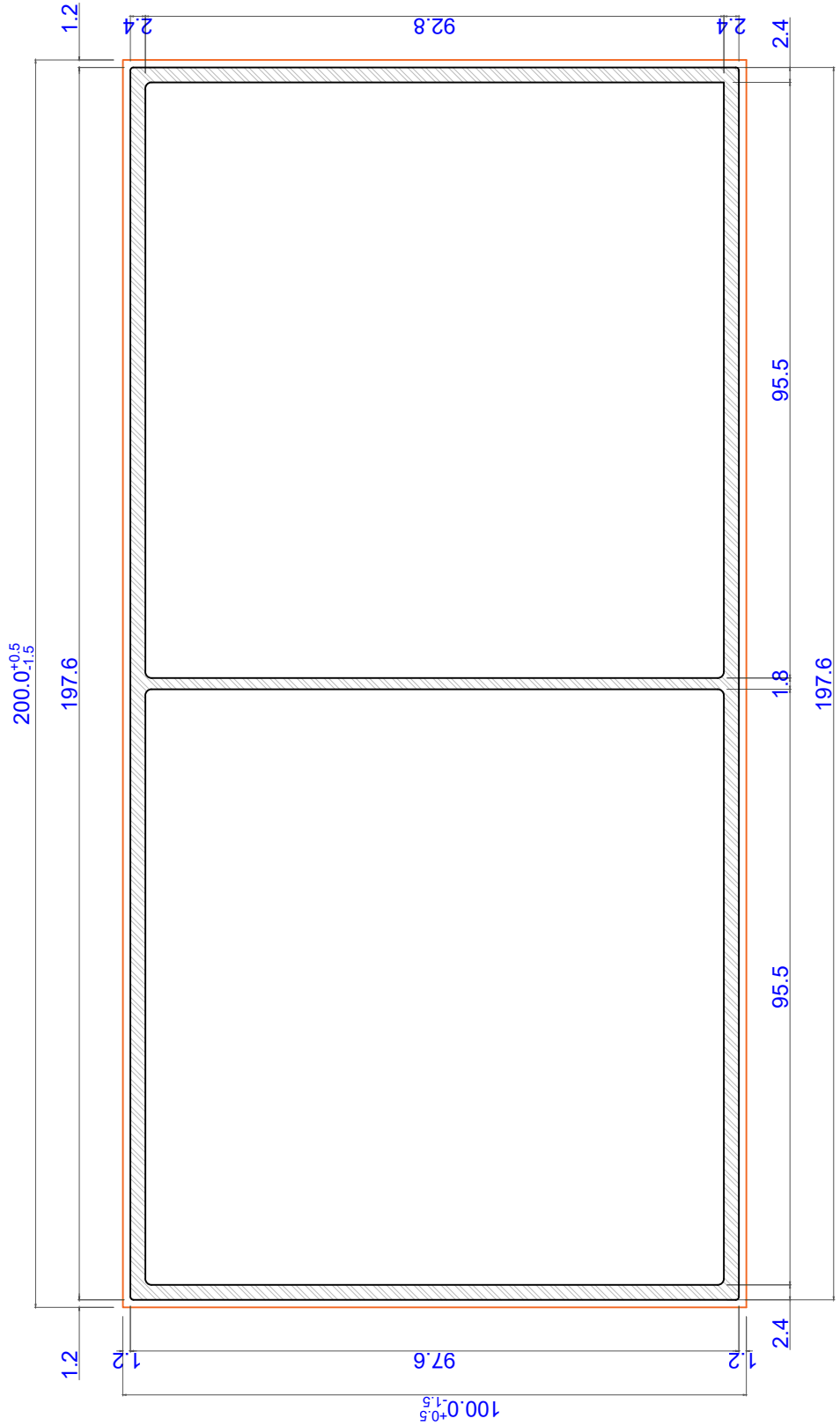
Carbon



Ivory



Any color on request



Wood hybrid system WHS

Type 1.0

Soleo 6264

Technical specifications, dimensions in mm	53.10	53.12	74.21	74.23
Weight (lbs/ft)	3.35	53.12		
Cross section, secondary moment Ix (cm ⁴)	259.17		74.21	
Cross section, secondary moment Iy (cm ⁴)	733.35			74.23