

Soleo 6096



2 ³/₄ in x 1 ¹/₂ in or 70 mm x 38 mm

Technical datasheet

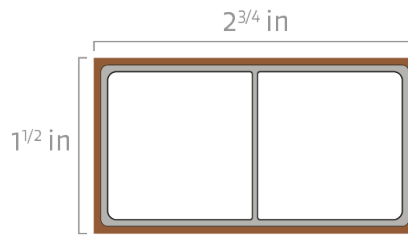


Soleo 6096

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: 0.84 lb/ft | 1.25 kg/m

Secondary moment Ix (cm⁴): 6.8

Secondary moment Iy (cm⁴): 17.9

Section modulus Z+x (cm³): 3.9

Section modulus Z-x (cm³): 3.9

Section modulus Z+y (cm³): 5.4

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