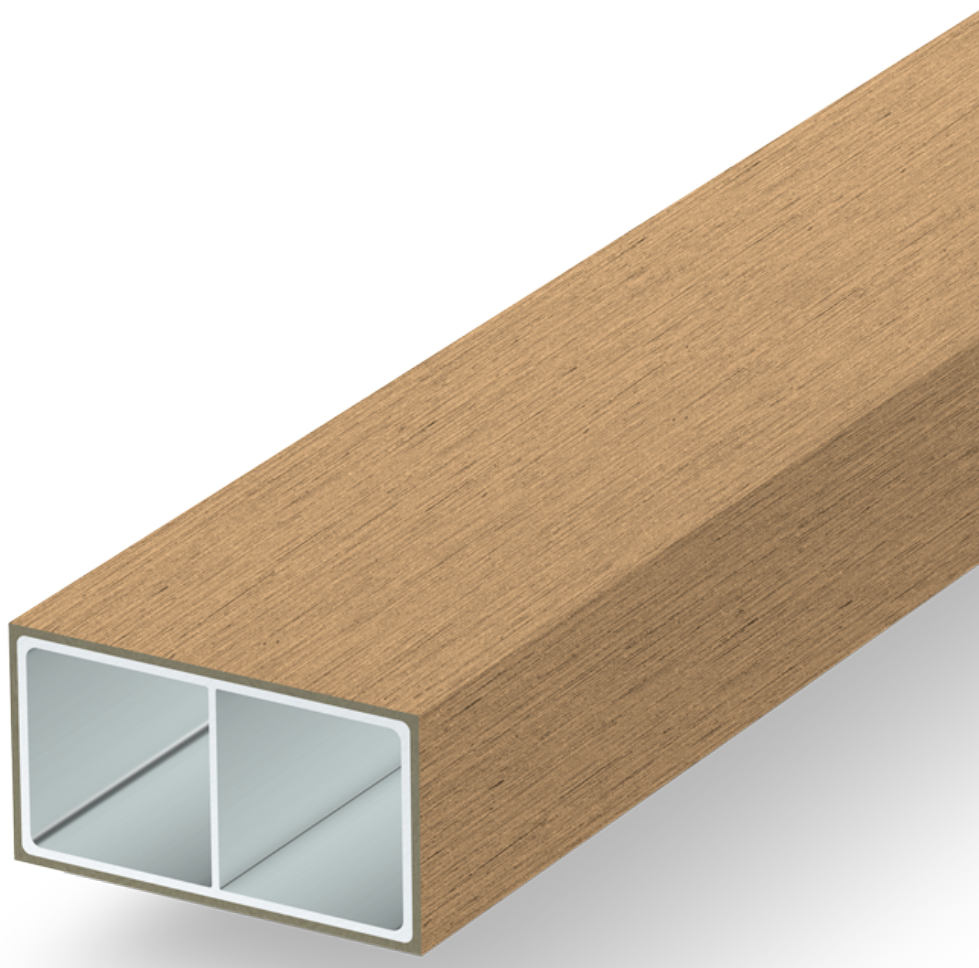
Geolam®
Architectural Eco-Technology



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

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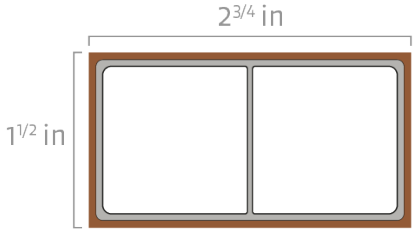

Section tolerances in mm: +0.5 / -2.0 mm or + 1/64 to - 5/64 in
The outer wpc layer is sanded for aesthetic reasons and consists of peaks and valleys; the dimension provided is average thickness

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: 0.84 lb/ft | 1.25 kg/m

Secondary moment Ix (cm^4): 1.25 kg/m

Secondary moment Iy (cm^4): 6.8

Section modulus Z+x (cm^3): 17.9

Section modulus Z-x (cm^3): 3.9

Section modulus Z+y (cm^3): 3.9

Section modulus Z-y (cm^3): 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:
337.12

Norms and certificates:
WPC : 1.54 kg CO2 /Kg
Profile : 9.005 kg CO_2 /Kg


Teak


Limba


Rosewood


Wenge


Bilinga


Carbon


Ivory


Any color on request