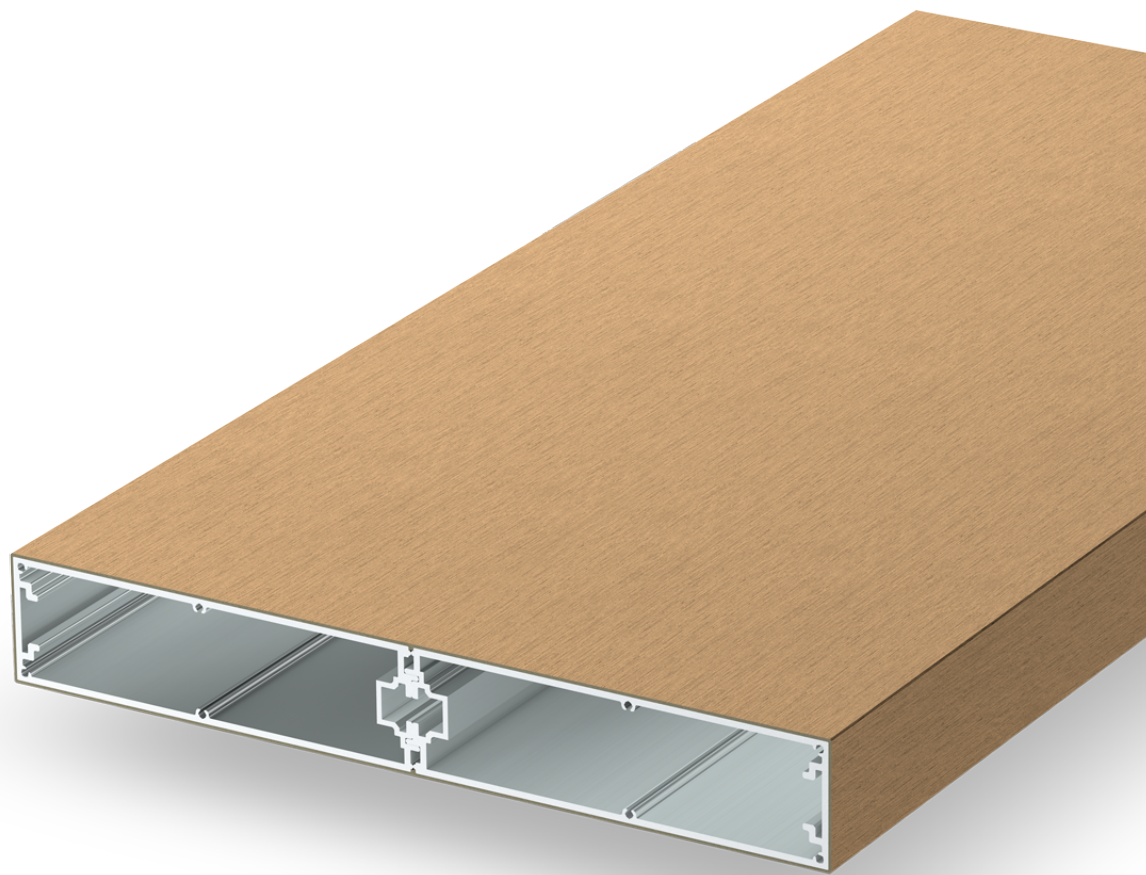




Planeo 4086



15 ³/₄ in x 2 ¹/₄ in or 400 mm x 60 mm

Technical datasheet

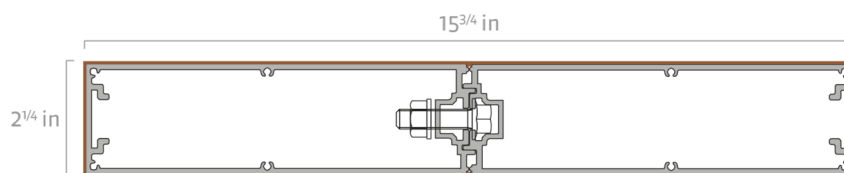


Planeo 4086

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:

Planeo boards cannot be cut within the bolts at either board end. Refer to 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 27 ft | 2.15 m to 8.25 m

Weight: 7.19 lb/ft | 10.76 kg/m

Secondary moment I_x (cm⁴): 10.76 kg/m

Secondary moment I_y (cm⁴): 194.56

Section modulus Z_{+x} (cm³): 4923.07

Section modulus Z_{-x} (cm³): 68.26

Section modulus Z_{+y} (cm³): 68.26

Section modulus Z_{-y} (cm³): 248.01

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

Norms and certificates:

WPC : 1.54 kg CO₂/Kg

Profile : 9.005 kg CO₂/Kg



Teak



Limba



Rosewood



Wenge



Bilanga



Carbon



Ivory



Any color on request