



# Planeo 4043



**11 3/4 in x 3 in or 300 mm x 75 mm**

Technical datasheet

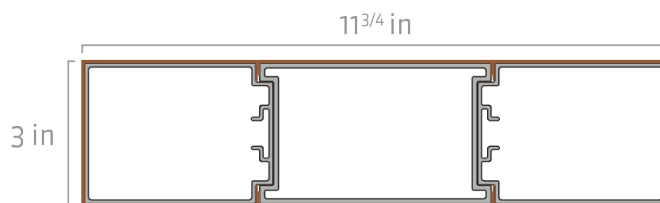


# Planeo 4043

WHS: Wood hybrid system

**Geolam**

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:** Planeo boards cannot be cut within the bolts at either board end. Refer to our website [www.geolam.com](http://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:** 4.57 lb/ft | 6.80 kg/m

**Secondary moment Ix (cm<sup>4</sup>):** 199.5

**Secondary moment Iy (cm<sup>4</sup>):** 1722.3

**Section modulus Z+x (cm<sup>3</sup>):** 55.77

**Section modulus Z-x (cm<sup>3</sup>):** 55.77

**Section modulus Z+y (cm<sup>3</sup>):** 116.14

**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 CO<sub>2</sub>/Kg

**Profile :** 9.005 kg CO<sub>2</sub>/Kg



Teak



Limba



Rosewood



Wenge



Bilinga



Carbon



Ivory



Any color on request