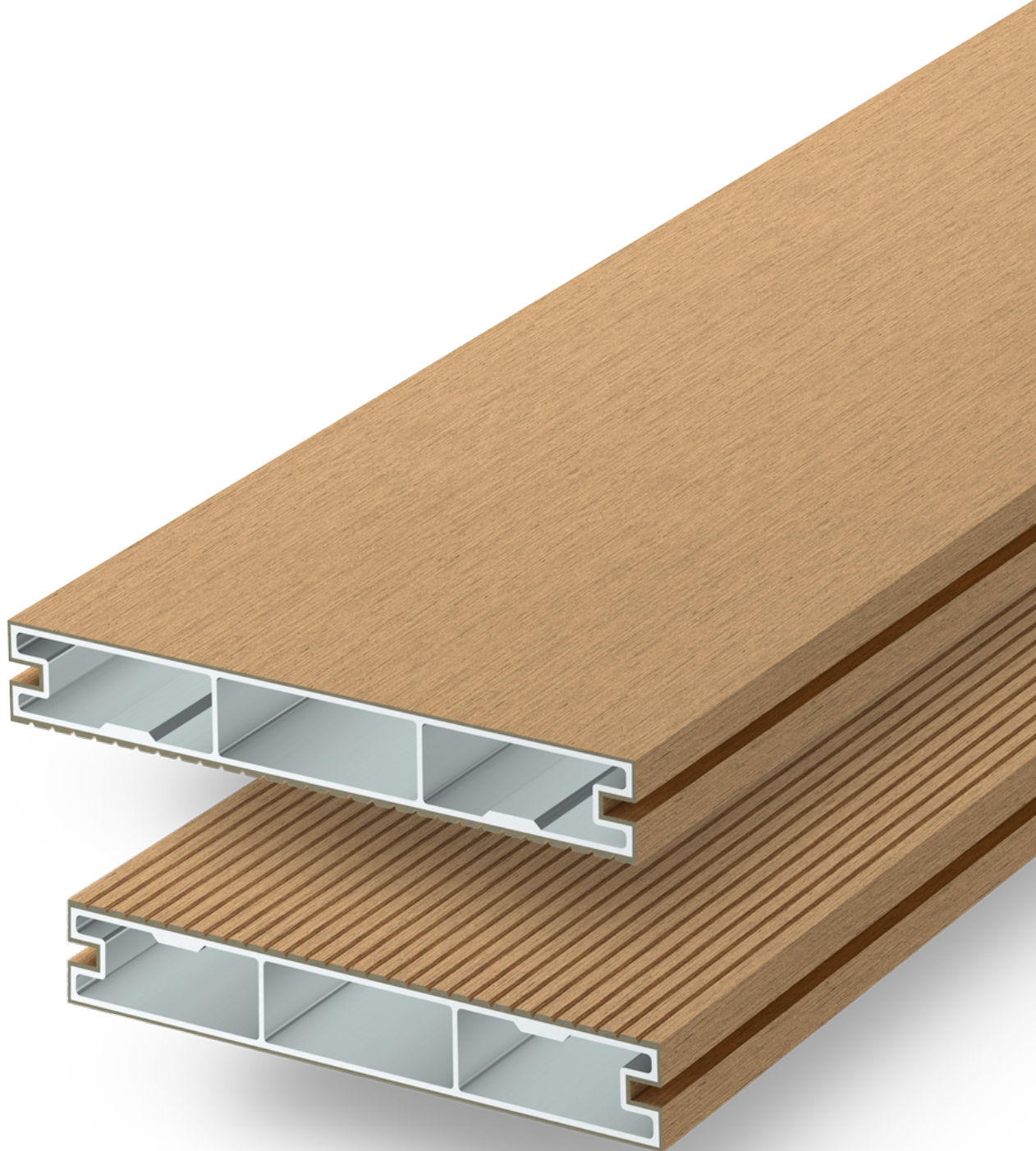




Decking

# Planeo 4012



**5 <sup>3</sup>/<sub>4</sub> in x <sup>3</sup>/<sub>4</sub> in or 145 mm x 22 mm**

Technical datasheet

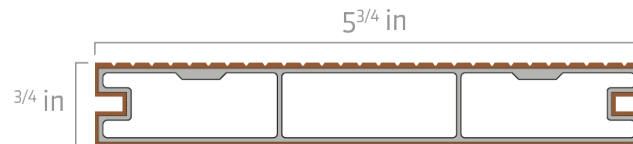


# Planeo 4012

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:

Check 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 19 ft 8 in | 2.15 m to 6 m

**Weight:** 1.25 lb/ft | 1.86 kg/m

**Secondary moment Ix (cm<sup>4</sup>):** 1.86 kg/m

**Secondary moment Iy (cm<sup>4</sup>):** 3.66

**Section modulus Z+x (cm<sup>3</sup>):** 112.93

**Section modulus Z-x (cm<sup>3</sup>):** 3.96

**Section modulus Z+y (cm<sup>3</sup>):** 3.5

**Section modulus Z-y (cm<sup>3</sup>):** 15.75

**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:**

603.1

#### Norms and certificates:

**WPC :** 1.54 kg CO<sub>2</sub> /Kg

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



Teak



Limba



Rosewood



Wenge



Bilinga



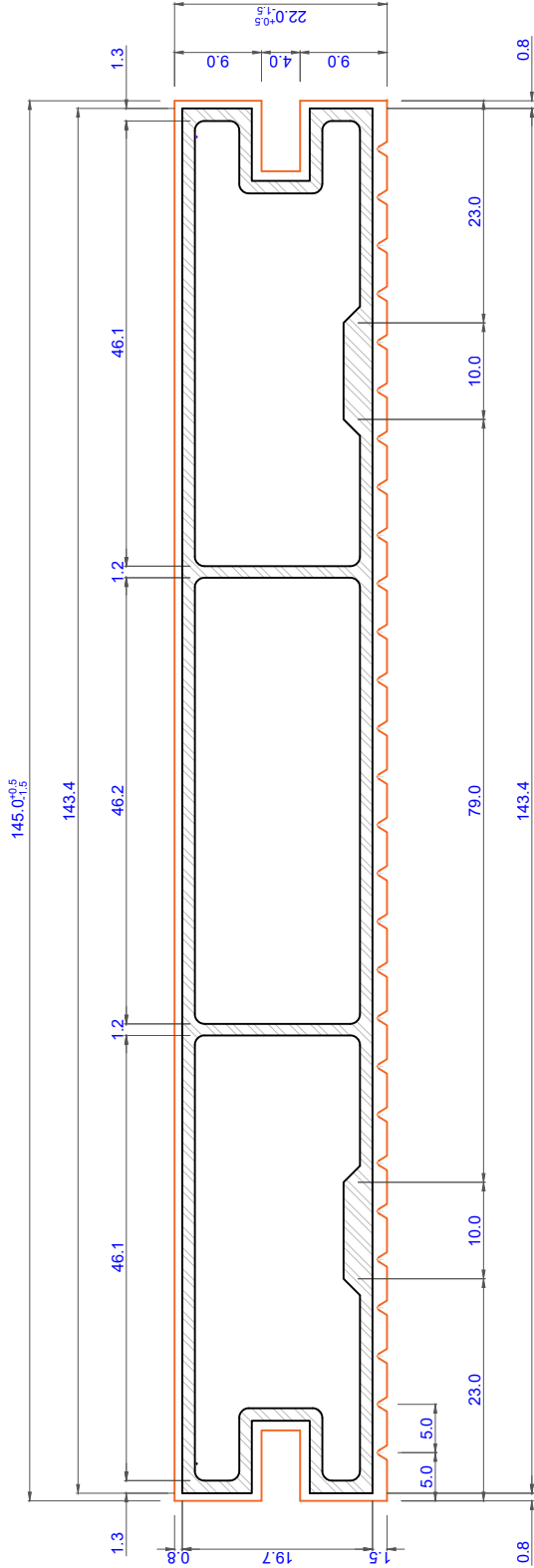
Carbon



Ivory



Any color on request



| Technical specifications, dimensions in mm            |        | Wood hybrid system WHS |             | Type 1.0 |
|-------------------------------------------------------|--------|------------------------|-------------|----------|
| Weight (lb/ft)                                        | 1.25   | 3.96                   | Planeo 4012 |          |
| Cross section, secondary moment Ix (cm <sup>4</sup> ) | 3.66   | 3.50                   |             |          |
| Cross section, secondary moment Iy (cm <sup>4</sup> ) | 112.93 | 15.75                  |             |          |