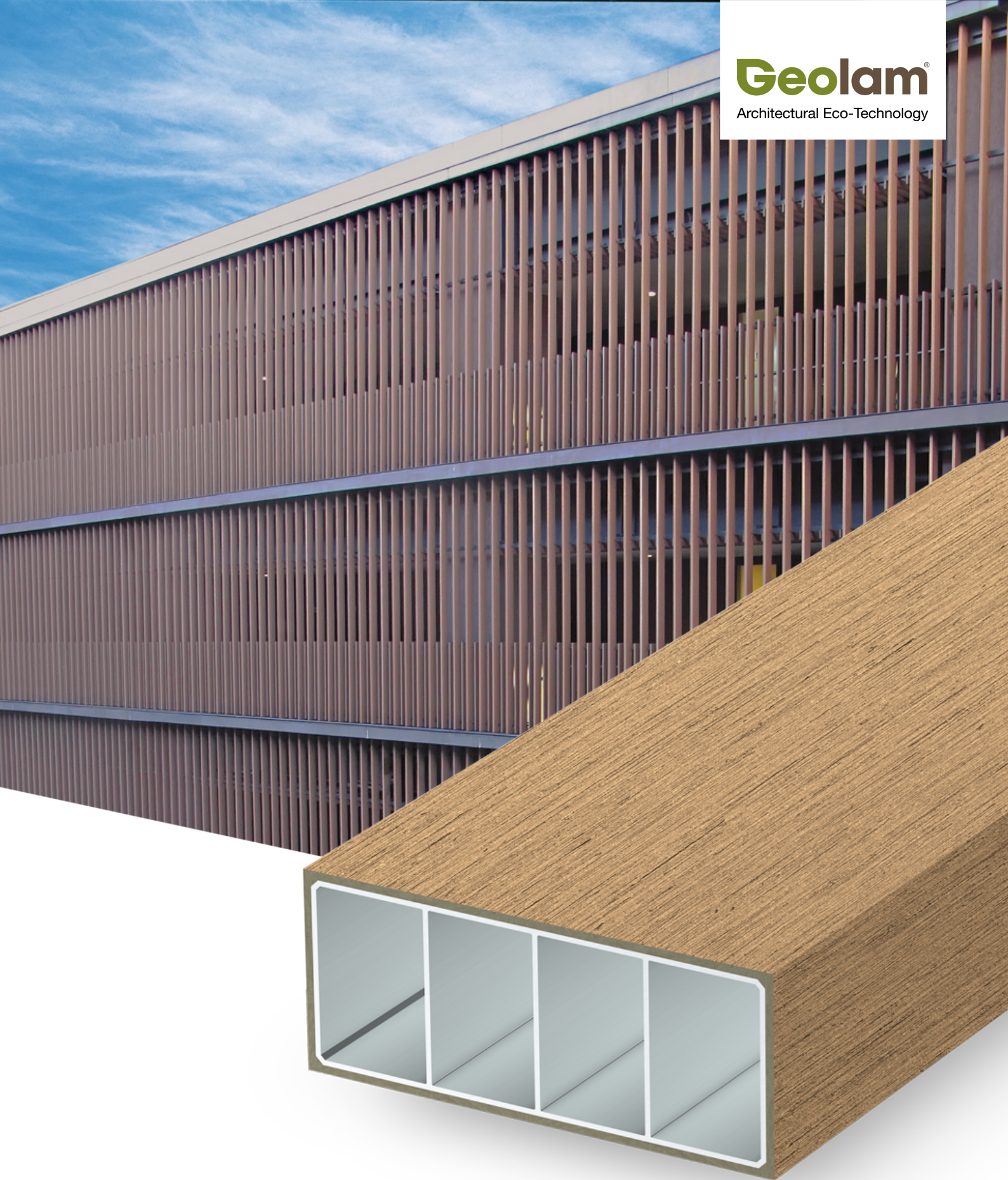




# Soleo 6014



**5 in x 2 in or 126 mm x 51 mm**

Technical datasheet

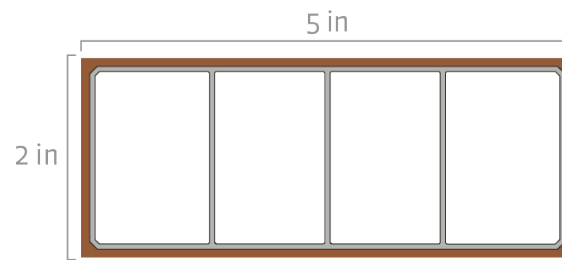


# Soleo 6014

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:** 1.51 lb/ft | 2.25 kg/m

**Secondary moment Ix (cm<sup>4</sup>):** 2.25 kg/m

**Secondary moment Iy (cm<sup>4</sup>):** 24.61

**Section modulus Z+x (cm<sup>3</sup>):** 101.53

**Section modulus Z-x (cm<sup>3</sup>):** 10.13

**Section modulus Z+y (cm<sup>3</sup>):** 10.13

**Section modulus Z-y (cm<sup>3</sup>):** 16.43

**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:**

662.1

#### 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



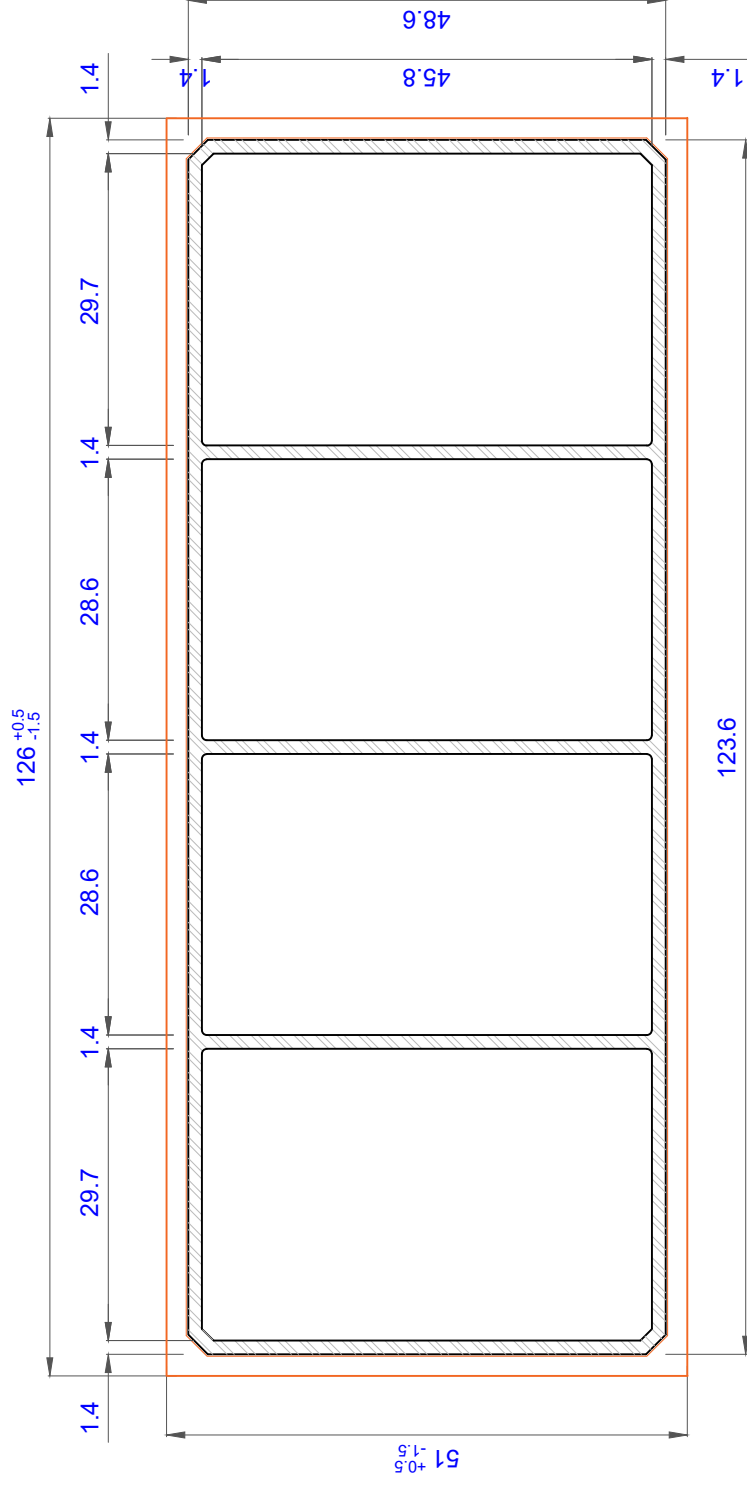
Carbon



Ivory



Any color on request



| Technical specifications, dimensions in mm            |        | Wood hybrid system WHS                                                                                                                 |       | Type 1.0 |
|-------------------------------------------------------|--------|----------------------------------------------------------------------------------------------------------------------------------------|-------|----------|
| Weight (kg/ml)                                        | 2.30   | Soleo 6014                                                                                                                             |       |          |
| Cross section, secondary moment Ix (cm <sup>4</sup> ) | 24.61  | 10.13                                                                                                                                  | 10.13 |          |
| Cross section, secondary moment Iy (cm <sup>4</sup> ) | 101.53 | 16.43                                                                                                                                  | 16.43 |          |
|                                                       |        |  <a href="http://www.geolam.com">www.geolam.com</a> |       |          |