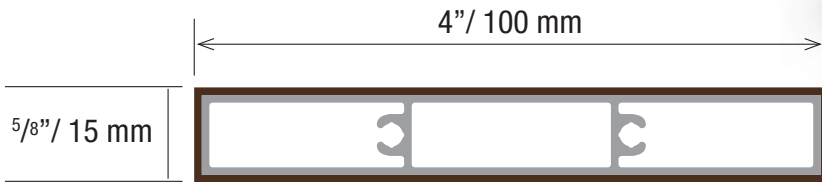
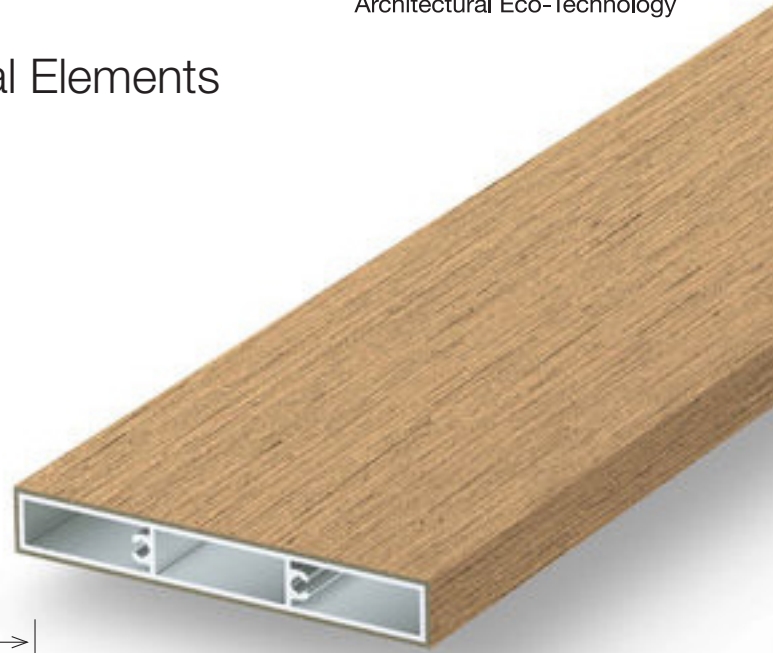


# Soleo 6036

**Geolam**<sup>®</sup>  
Architectural Eco-Technology

## Hybrid Aluminum/WPC Architectural Elements

Datasheet



**Thickness:** 15 mm |  $\frac{5}{8}$  in

**Width:** 100 mm | 4 in

**Section tolerances in mm:** + 0.5 / - 2.0

**Fire rating:**

On request before order

**Surfaces finish:** sanded

**Standard length:** 3.00 m | 9 ft 10 in

**Or order any length from:**  
2.45 m | 8 ft to 5.48 m | 18 ft

**Weight:** 1.00 kg/lm | 0.67 lb/ft

**Secondary moment Ix (cm<sup>4</sup>):** 26.0548

**Secondary moment Iy (cm<sup>4</sup>):** 0.8241

**Section modulus Zx (cm<sup>3</sup>):** 1.3081

**Section modulus Zy (cm<sup>3</sup>):** 5.3391

**Core in anodized aluminum alloy:**  
A6063S-T5

**Coefficient of Thermal Expansion:**  
(20-100°C) : 23.4  $\mu\text{m/m/}^\circ\text{C}$

**Modulus of Elasticity:** 68.6 GPa

**Tensile Strength:** 186 Mpa min

**Core cross section (mm<sup>2</sup>):** 313.7186

**Standard Colors** - Minimum 1,800 ft for all colors:



Teak



Moleskin

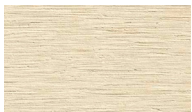


Rosewood



Ebony

**Non-Standard Colors** - 90 day lead time - Minimum order quantities apply:



Ivory



Blackwood

**Custom Colors Available** for orders >6,000 sq. ft.

[www.geolaminc.com](http://www.geolaminc.com)  
Toll free: 1-877-627-3530  
[info@geolaminc.com](mailto:info@geolaminc.com)