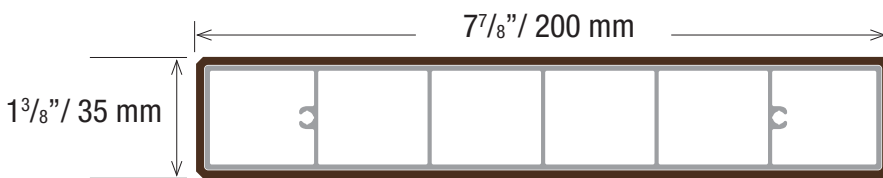


# Soleo 6033

## Hybrid Aluminum/WPC Architectural Elements

Datasheet



*Technical information may change without warning.  
Please ensure you that you reference our latest as shown on our website at [www.usa.geolam.com](http://www.usa.geolam.com)*

**Thickness:** 1 3/8 in | 35 mm  
**Width:** 7 7/8 in | 200 mm  
**Section tolerances in mm:** + 0.5 / - 2.0

**Fire rating:**  
Non-combustible as per ASTM E-136 (appendix)

**Surfaces finish:** Sanded

**Profiles fastening and installation:**  
Check our website [www.usa.geolam.com](http://www.usa.geolam.com)

**Standard length:** 9 ft 10 in | 3.0 m

**Or order custom lengths from:**  
7 ft to 19 ft 8 in | 2.15 m to 6 m

**Weight:** 2.22 lb/ft | 3.30 kg/m

**Secondary moment Ix (cm<sup>4</sup>):** 13.38

**Secondary moment Iy (cm<sup>4</sup>):** 308.35

**Section modulus Z+x (cm<sup>3</sup>):** 8.92

**Section modulus Z-x (cm<sup>3</sup>):** 8.92

**Section modulus Z+y (cm<sup>3</sup>):** 31.74

**Section modulus Z-y (cm<sup>3</sup>):** 31.74

**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

*Sanding finish and/or shading may vary between runs*

**Standard Colors** -  Teak and Rosewood stocked in the US, no minimum.  
Minimum 1,000 lineal ft. for Moleskin and Ebony.



Teak



Moleskin



Rosewood



Ebony

**Non-Standard Colors** - 90 day lead time - Minimum order 5,000 lineal ft.



Carbon



Bilinga

**Custom Colors Available** - Minimum order 10,000 lineal ft.

[usa.geolam.com](http://usa.geolam.com)  
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