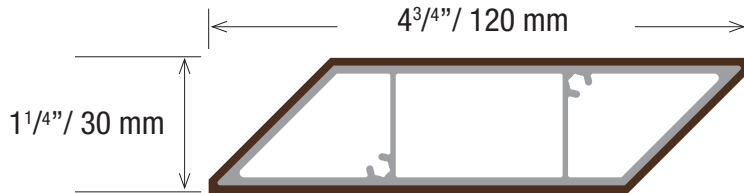


Diameo 2018

Geolam[®]
Architectural Eco-Technology

Hybrid Aluminum/WPC Architectural Elements

Datasheet



Thickness: 30 mm | 1 1/4 in

Width: 120 mm | 4 3/4 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: 1.68 kg/lm | 1.13 lb/ft

Secondary moment Ix (cm⁴): 4.8

Secondary moment Iy (cm⁴): 42.7

Section modulus Zx (cm³): 3.7

Section modulus Zy (cm³): 7.6

Core in anodized aluminum alloy:

A6063S-T5

Coefficient of Thermal Expansion:

(20-100°C) : 23.4 µm/m/°C

Modulus of Elasticity: 68.6 GPa

Tensile Strength: 186 Mpa min

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
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