Geolam®
Architectural Eco-Technology

Rondo 3002

2 in x 2 in or 50 mm x 50 mm

Technical datasheet

Rondo 3002

WHS: Wood hybrid system

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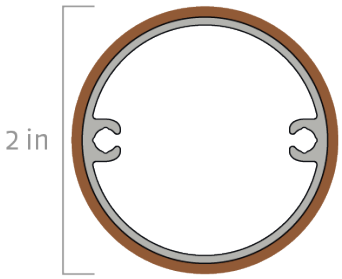


Section tolerances in mm: +/- 2.0 mm or +/- 3/32 in
The outer wpc layer is sanded. The provided dimensions are average thickness (as well for all drawing in that document)

Fire rating:
<u>On request:</u>
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**
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: 0.69 lb/ft | 1.03 kg/m

Secondary moment Ix (cm^4): 7.01

Secondary moment Iy (cm^4): 5.23

Section modulus Z+x (cm^3): 3.05

Section modulus Z-x (cm^3): 3.05

Section modulus Z+y (cm^3): 2.27

Section modulus Z-y (cm^3): 2.27

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 CO2 /Kg
Profile : 9.005 kg CO_2 /Kg


Teak


Limba


Rosewood

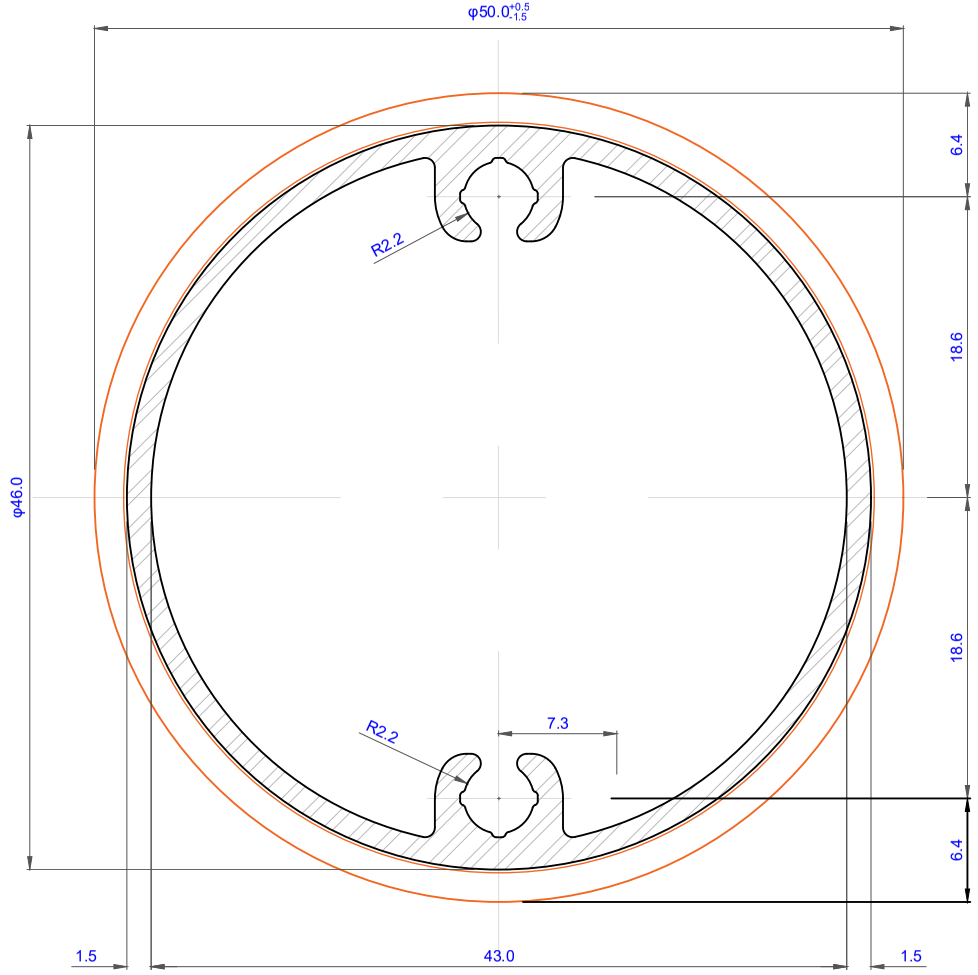

Wenge


Bilinga


Carbon


Ivory


Any color on request



Technical specifications, dimensions in mm		Cross section coefficient Z+x (cm^3)	3.05	Wood hybrid system WHS	Type 1.0
Weight (kg/ml)	1.03	Cross section coefficient Z-x (cm^3)	3.05	**Rondo 3002**	
Cross section, secondary moment Ix (cm^4)	7.01	Cross section coefficient Z+y (cm^3)	2.27		
Cross section, secondary moment Iy (cm^4)	5.23	Cross section coefficient Z-y (cm^3)	2.27		

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NHK Broadcasting station
Trim louver

Kofu
Japan

2012	Rondo 3002	Rosewood