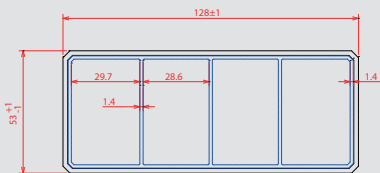




# Wood Hybrid Systems

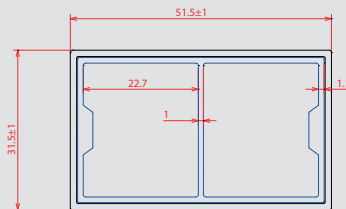
## Datasheet Soleo 10 and Soleo 11

### Soleo 10



|   |         |
|---|---------|
| Weight per 1m (in kg):                      | 2.33    |
| Secondary moment Ix (in cm <sup>4</sup> ):  | 23.90   |
| Secondary moment Iy (in cm <sup>4</sup> ):  | 98.70   |
| Moment of Inertia Zx (in cm <sup>3</sup> ): | 9.83    |
| Moment of Inertia Zy (in cm <sup>3</sup> ): | 15.00   |
| Young's modulus (kgf/cm <sup>2</sup> ):     | 580'000 |
| Flexural strength (kgf/cm <sup>2</sup> ):   | 3'500   |

### Soleo 11



|   |         |
|---|---------|
| Weight per 1m (in kg):                      | 0.73    |
| Secondary moment Ix (in cm <sup>4</sup> ):  | 2.41    |
| Secondary moment Iy (in cm <sup>4</sup> ):  | 6.72    |
| Moment of Inertia Zx (in cm <sup>3</sup> ): | 1.70    |
| Moment of Inertia Zy (in cm <sup>3</sup> ): | 2.77    |
| Young's modulus (kgf/cm <sup>2</sup> ):     | 580'000 |
| Flexural strength (kgf/cm <sup>2</sup> ):   | 3'500   |

### Colours:

Teak, Rosewood, Paldao, Ebony

### WPC Thickness:

1 to 2 mm

### Core:

Anodized aluminium

# Geolam®

Architectural Eco-Technology

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 Dufourstrasse 55  
 8702 Zollikon  
 Switzerland

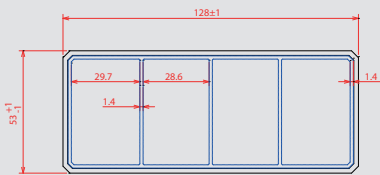
P +41 (0)55 511 07 00  
 service@geolam.com  
 www.geolam.com



# Wood Hybrid Systems

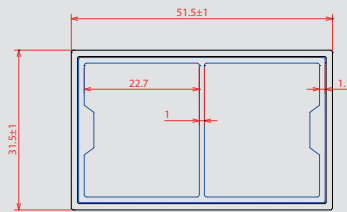
## Datasheet Soleo 10.2 and Soleo 11.2

### Soleo 10.2



|   |         |
|---|---------|
| Weight per 1m (in kg):                      | 2.33    |
| Secondary moment Ix (in cm <sup>4</sup> ):  | 23.90   |
| Secondary moment Iy (in cm <sup>4</sup> ):  | 98.70   |
| Moment of Inertia Zx (in cm <sup>3</sup> ): | 9.83    |
| Moment of Inertia Zy (in cm <sup>3</sup> ): | 15.00   |
| Young's modulus (kgf/cm <sup>2</sup> ):     | 580'000 |
| Flexural strength (kgf/cm <sup>2</sup> ):   | 3'500   |

### Soleo 11.2



|   |         |
|---|---------|
| Weight per 1m (in kg):                      | 0.73    |
| Secondary moment Ix (in cm <sup>4</sup> ):  | 2.41    |
| Secondary moment Iy (in cm <sup>4</sup> ):  | 6.72    |
| Moment of Inertia Zx (in cm <sup>3</sup> ): | 1.70    |
| Moment of Inertia Zy (in cm <sup>3</sup> ): | 2.77    |
| Young's modulus (kgf/cm <sup>2</sup> ):     | 580'000 |
| Flexural strength (kgf/cm <sup>2</sup> ):   | 3'500   |

### Colours:

Teak, Rosewood, Paldao, Ebony

### WPC Thickness:

1 to 2 mm

### Fire rating:

M2

### Core:

Anodized aluminium

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