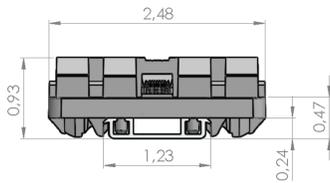


# Grad™ Mini Rail



## #G2171

1x6 w/Narrow Gap ( $\frac{5}{32}$ "

Dimensions:

1879 x 63 x 23.5mm

74" x 2.5" x 0.93



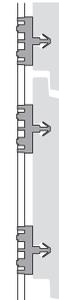
## #G2172

1x6 w/Wide Gap ( $\frac{17}{64}$ "

Dimensions:

1921 x 63 x 23.5 mm

75.6" x 2.5" x 0.93"



## Mechanical Properties

Type of aluminium used with Grad: EN AW-6060 T66

Properties			EN AW-6060
Heat Treating			<b>T66</b>
Breaking Strength	R <sub>m</sub> min	MPa	<b>215</b>
Elastic limit	R <sub>e0.2</sub> min	Mpa	<b>160</b>
Wall Thickness		mm	<b>≤13</b>
Minimum Elongation	A <sub>50</sub>	%	<b>6</b>
Modulus of Elasticity	E	MPa	70000
Coefficient of Linear Expansion	α	10 <sup>-6</sup> /K	24
Melting Point	T <sub>SM</sub>	°C	585-655
Heat Transfer Coef	λ	W/mK	160

### Plastic Used for the Clips

Polyoxymethylene (POM)  
100% recyclable

### Rail weight (including clips)

~ 0,380 kg/lm  
~ 0.255 lb/lf

### Temperature Operating Range

-40 C to +60 C  
-40 F to 140 F

### Fastener Detail

316 SS Ring-shanked nails

## DISCLAIMER

Kebony products will change in appearance when exposed to rain and sun. Color changes and surface cracks will occur due to natural weathering. Kebony cannot be held liable for any such variations in colour and surface appearance. This will not influence durability and overall performance of the product.

Kebony is continuously working on product development. Information in this datasheet may be changed without further notice.

# KEBONY WOOD BENEFITS/FEATURES

## Maintenance

Kebony is a low maintenance wood that does not require any additional treatment beyond normal cleaning. Removal of dirt, sand and other particles is simply done with a brush and water.

## High resistance

Kebony is highly resistant to decay, fungi, insects and other wood-destroying microorganisms. That's why we are able to offer an outdoor lifetime warranty against rot for 30 years for all Kebony products in above-ground usage.

## Safe & toxin-free

Kebony is not toxic to humans or the environment, neither in use nor at the end of its life cycle. That's why Kebony is often selected for applications such as kindergarten as children will have direct contact with the wood. The wood does not splinter and contains no toxins or chemicals.

Waste from Kebony boards can be disposed of and recycled in the same manner as untreated wood. Kebony can be burnt like untreated wood, and will not release any other components than those released when burning untreated wood.

## Eco-friendly

Kebony wood has no harmful effects on the environment. Production of Kebony is based on a liquid extracted from bio-waste and our factory produces to the most environmentally friendly standards.

## Sustainable resources

The raw materials for Kebony are acquired from commercially managed forests with large timber harvests. All our suppliers hold certificates guaranteeing the origin of their timber.

Many Kebony products are FSC®-certified. The Forest Stewardship Council® (FSC®) works to improve forest management worldwide, and through certification it creates an incentive for forest owners and managers to follow best social and environmental practices. FSC® provides a connection between the forest and the end user, ensuring that products with the FSC® label uphold principles and criteria that adhere to the highest social and environmental benefits and considerations.

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### CERTIFICATIONS

FSC® CU-COC-813689 - [www.fsc.org](http://www.fsc.org)  
EPD: NEPD-407-287-EN - [www.epd-norge.no](http://www.epd-norge.no)  
ICC ESR-3756 - [www.icc-es.org](http://www.icc-es.org)



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