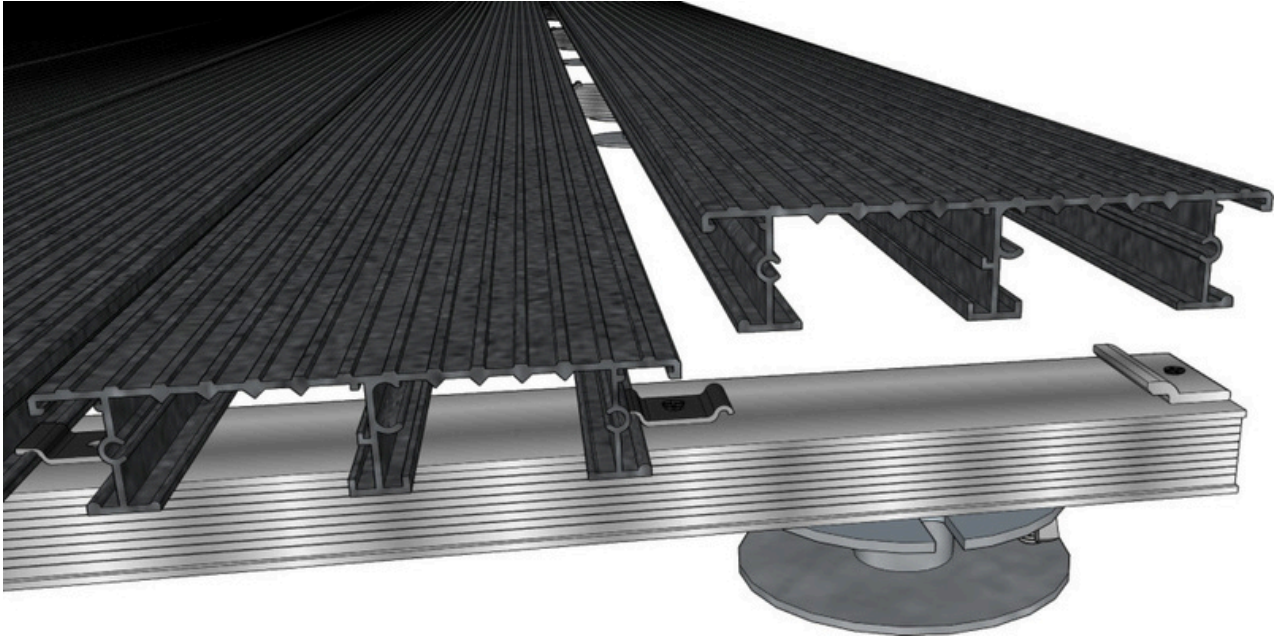




## Wallbarn - Technical Datasheet Aluminium Deck Board

**BOARD DIMENSIONS : 30mm (H) x 145mm (D) x 3,600mm (L)**



The Aluminium Deck Board has been tested by the UK's leading fire test centre, meeting the standards of EN 13823, EN 13501, and EN ISO 1716. The deck board achieves Euroclass Classification of A2fl-s1, ensuring compliance with both current and proposed legal requirements for all project types.

Designed for both residential and commercial settings—including high-rise balconies, walkways, roof terraces, pubs, and gardens— it excels in public areas with high foot traffic. Available in anthracite colour, the deck boards are crafted from structural grade 6063 T6 aluminium and finished with a 100-micron Qualicoat™ premium powder coating. This premium coating offers a low-slip surface and maintains low temperatures underfoot, making it an ideal solution for high-traffic areas.

For a complete system, the aluminium boards would sit on Wallbarn's comprehensive Class A substructure, comprising of aluminium joists and noggins, along with a range of Class A Fire-Rated adjustable pedestals. All components of this system has been independently tested for weight tolerance and fire safety. With a design life expectancy of over 25 years, this system is built to last and deliver sustained performance.

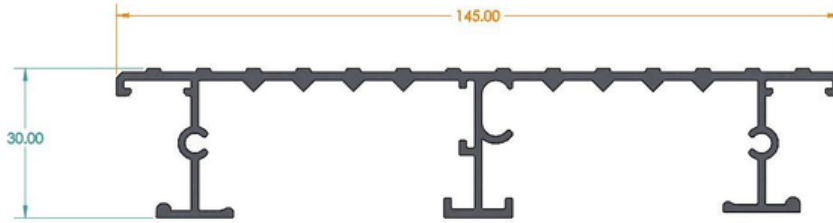
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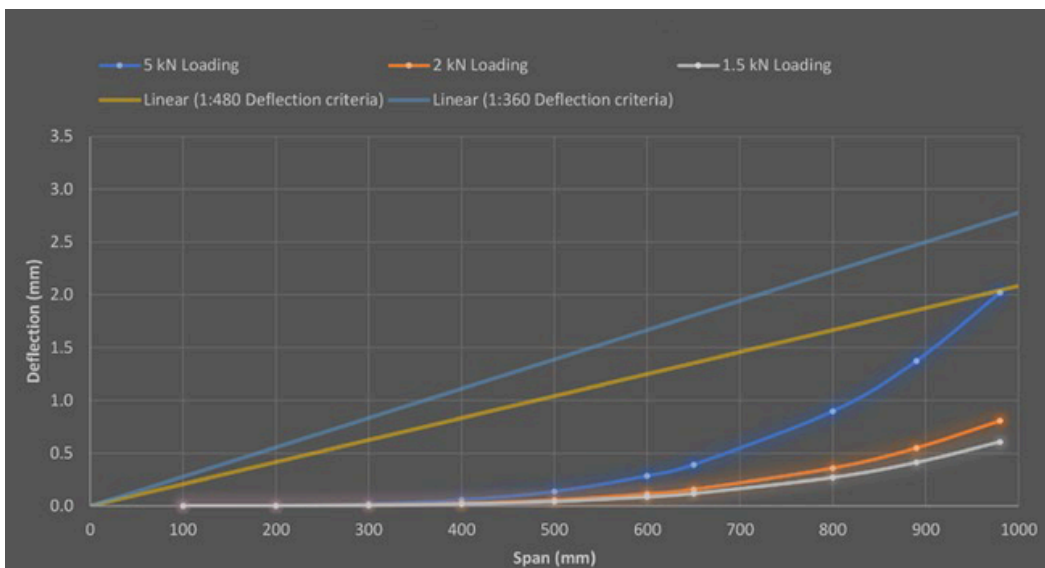


## Wallbarn - Technical Datasheet Aluminium Deck Board



<b>Weight</b>	10.37 kg/m <sup>2</sup>	
<b>Material</b>	Aluminium 6063 T6	EN755/9
<b>Slip resistance (dry)</b>	65 mm	BS 7976-2:2002
<b>Slip resistance (wet)</b>	50 mm	BS 7976-2:2002
<b>Shod ramp performance</b>	29°-R12 (safe)	DIN 51130:2014
<b>Board Expansion</b>	<p>0.25mm per linear metre per 10 degree Celsius rise/ fall in temperature, so as an example a 3600mm deck board subject to a 20 degree Celsius rise in temperature would expand by 1.8mm.</p>	

### Loading Deflection (kN/m<sup>2</sup>)



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