

Ihook-AI

Introducing the Ihook AI, a premium solution designed specifically to address non-combustibility requirements in building codes, particularly those mandated by the Australian and New Zealand National Construction Code (NCC).

Crafted with precision, the Ihook AI is manufactured using high-grade aluminum alloy, boasting durability and safety. Consisting of two parts - a base and a button - both components are produced through cold chamber high-pressure die-casting, ensuring optimal quality and reliability.

The Ihook AI perfectly complements the original OZIhook, traditionally crafted from Poly Propylene, offering a seamless transition to non-combustible options where necessary. Available with black powder-coated bases and white powder-coated buttons, the Ihook AI seamlessly integrates into various environments. Each hook is supplied with stainless steel fixing screws, enabling easy installation directly onto walls or rails.

When paired with Stowmate WM rails featuring die-cast aluminum joiners/End of Row (EOR) castings, the Ihook AI provides a comprehensive non-combustible solution, ensuring compliance with regulatory standards while

Intended Use

The Ihook AI is engineered for environments demanding ultra-high performance, particularly where traditional polypropylene hooks are deemed unsuitable. It's ideal for areas where hooks are integral to fire-engineered solutions and where structures must comply with the non-combustibility standards of class 2 buildings outlined in The National Construction Code of Australia and New Zealand.

With its robust aluminium construction, the Ihook AI ensures durability and fire resistance, offering peace of mind in fire-sensitive settings such as schools, public buildings, and commercial spaces.

Materials

Base casting 120g-Aluminium 383 (ADC12) hardness 75HB
Button casting 51g-Aluminium 383 (ADC12) hardness 75HB

Features

- All-Aluminium Construction:** Durable, corrosion-resistant.
- Sleek Design:** Minimalist aesthetic, seamless integration.
- Versatile Mounting:** Direct to walls, rails, or substrates.
- Easy Installation:** User-friendly, includes fixing hardware.
- Superior Load Capacity:** Strong enough for heavy items.
- Compatibility:** Integrates with Safehook ecosystem for modular solutions.
- Safety Features:** Rounded edges and smooth surfaces.
- Durable Finishes:** Polyester powder-coated.
- Longevity and Reliability:** 5 year Safehook warranty.

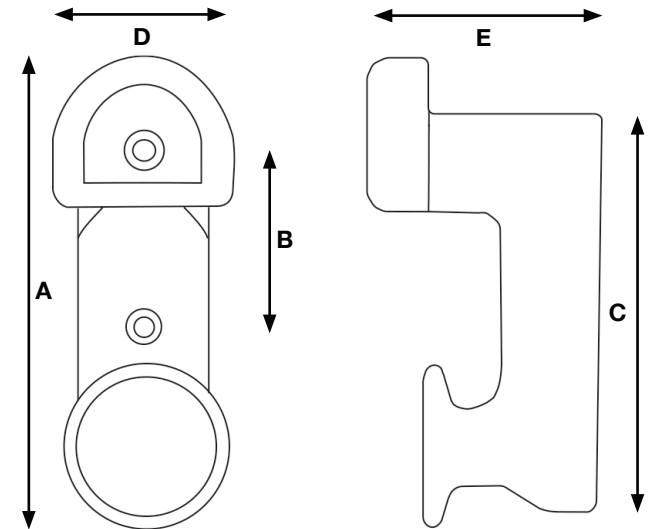
Installation

To assemble the Ihook-AI, begin by identifying the two main components: the base casting and the button casting, along with the provided screws. Align the base casting with the desired surface and securely attach it using the 52mm x 12# screw provided, ensuring the screw head is seated flush with the base casting. Next, fix the button casting to the base casting using the 62mm x 12# screw provided, fixing it to the wall or rail.

Take care not to over-tighten the screws or damage the castings during assembly. Please note that whilst hooks can be directly fitted to a wall surface, we do recommend hooks be fitted to a minimum 35mm x 100mm mounting rail (refer our Stowmate Rails for more details), the use of fasteners other than those supplied may affect the holding potential of the product.

Visit our website at www.safehook.com.au, an instructional assembly video can be found on our product guide's page. Once assembled correctly, the Ihook-AI is ready for use..

Drawing & Dimensions



A	B	C	D	E
120mm	45mm	100mm	45mm	57mm

Sustainability

At Safehook, sustainability is at the core of our product development ethos, exemplified by the Ihook-AI. Crafted exclusively from aluminium, this product showcases our commitment to eco-conscious design and manufacturing practices.

Aluminium's exceptional recyclability, coupled with its innate durability and low ecological footprint, underscores our dedication to minimizing environmental impact.

By leveraging aluminium's corrosion-resistant properties, the Ihook-AI ensures prolonged service life, reducing the frequency of replacements and further mitigating resource consumption.