

**Creating Cities  
Where Urban Meets Nature**

### Our Innovation Your Solution

Modas™ Alu-Frame is developed for use with Modas Base Jack™ height-adjustable pedestals to create a substructure for raised paving systems. It is designed to complement porcelain pavers and other types of flooring surfaces, allowing for an increased level of versatility and stability.



Engineered in Australia

# Modas Alu-Frame™

Modas Alu-Frame™ is an aluminium joist system developed to be used in conjunction with Modas Base Jack™ pedestals to construct a more stable and versatile substructure for raised decking. It improves heat and sound insulation, facilitates rapid surface drainage and creates an easily accessible chamber to conceal mechanical and electrical services.



## About Modas Alu-Frame™

Modas Alu-Frame™ comes in size 35 mm high. It is complimented by a comprehensive list of accessories to accommodate installations of various requirements.

Modas Alu-Frame™ is connected to Modas Base-Jack® pedestals using an adaptor and once locked in place, the substructure prevents pedestals from unintended movement during installation, maintenance and everyday traffic atop the raised pavers.

Modas Alu-Frame™ comes with a corrugated flat top to allow simple and accurate fastening of any unique deck board clip for its specific deck board profile.

### 1 Modas Alu-Frame™

Modas Alu-Frame™ is designed for seamless compatibility with most conventional fixings and decking board profiles available in the market.

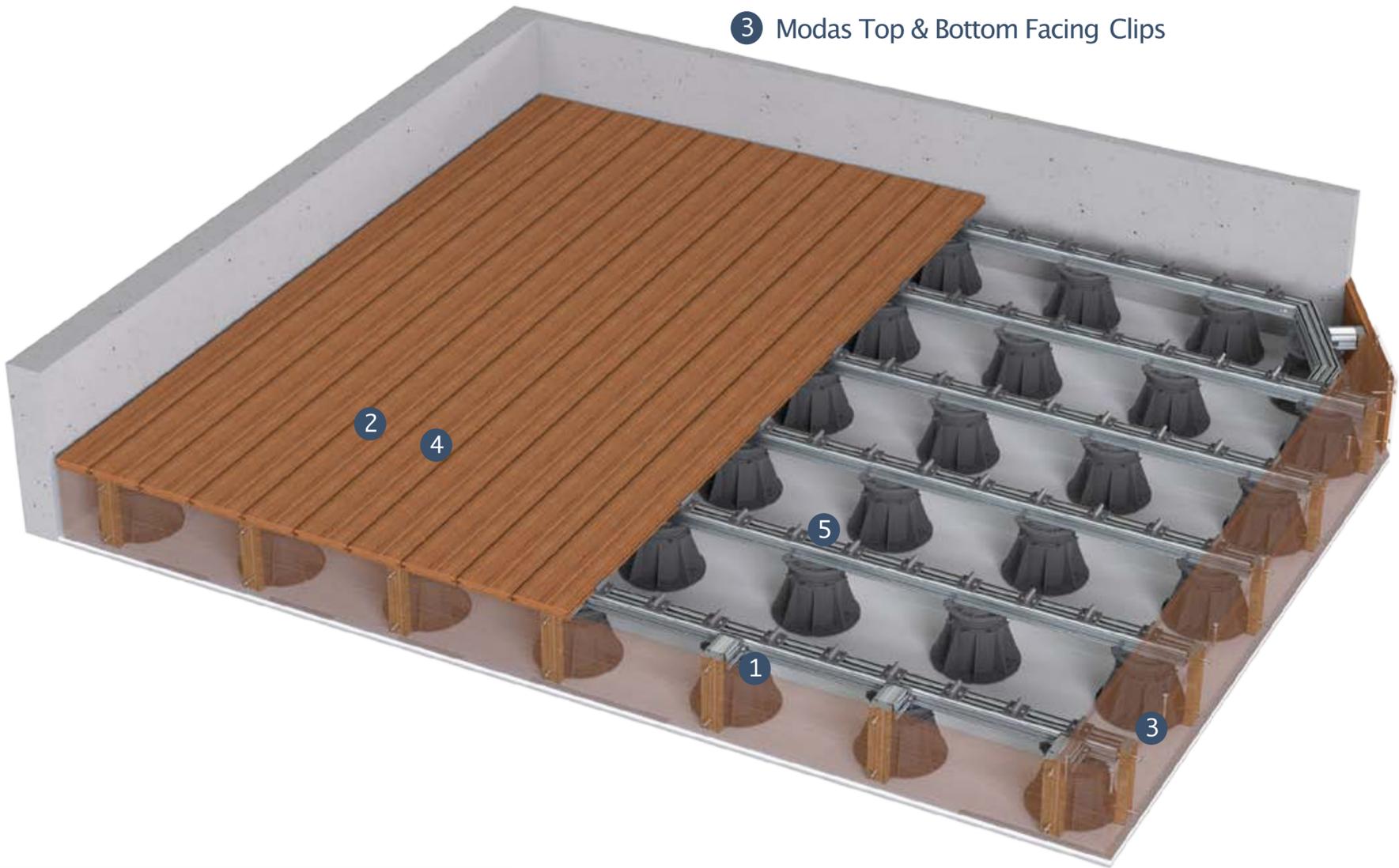
### 2 Modas Base Jack™ Joist Adaptor

Joist Adaptor is used to connect aluminium joists securely to the pedestal.

### 3 Modas Base Jack™

Modas Base Jack® height-adjustable pedestals can be used with the Modas Alu-Frame®, offering a high strength, durable, and reliable substructure for decking installations.

- ① Modas Right Angle Joiner
- ② Modas End-to-End Joiner
- ③ Modas Top & Bottom Facing Clips
- ④ Modwood Decking
- ⑤ Kleva Klip



## Technical Specifications

### Modas Alu-Frame

Material	AA6063 T5
Linear thermal expansion coefficient	$2.34 \times 10^{-5} \text{ K}^{-1}$
Joist thickness (mm)	35
Supply length (m)	2.4
Design span distance for joist supports (mm) (live load <sup>1</sup> : 3.0 kN/m <sup>2</sup> )	900
Design span distance for joist supports (mm) (live load <sup>2</sup> : 5.0 kN/m <sup>2</sup> )	600
Biological / Chemical resistance	Unaffected by moulds and algae. Resistant to corrosion