

PAVING

# VersiFrame<sup>®</sup>

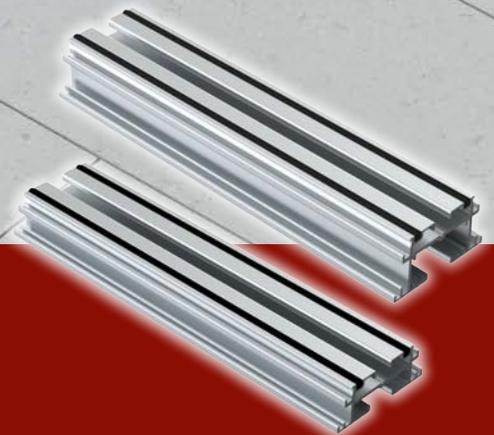
Aluminium Joist for Paver Support



**Creating Cities**  
Where Urban Meets Nature

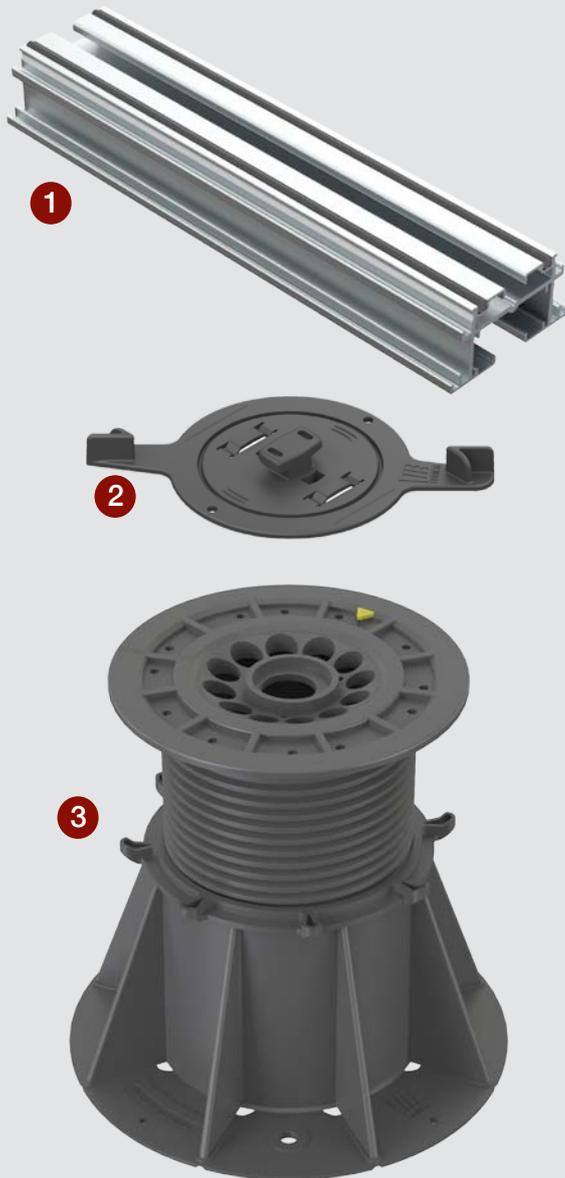
## Our Innovation Your Solution

VersiFrame<sup>®</sup> Aluminium Joist is developed for use with VersiJack<sup>®</sup> 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.



# VersiFrame<sup>®</sup>

VersiFrame<sup>®</sup> is an aluminium joist system developed to be used in conjunction with VersiJack<sup>®</sup> pedestals to construct a more stable and versatile substructure for raised pavers. It improves heat and sound insulation, facilitates rapid surface drainage and creates an easily accessible chamber to conceal mechanical and electrical services.



## About VersiFrame<sup>®</sup>

VersiFrame<sup>®</sup> comes in two sizes, 25 mm or 35 mm high. It is complemented by a comprehensive list of accessories to accommodate installations of various requirements.

VersiFrame<sup>®</sup> is connected to VersiJack<sup>®</sup> 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.

VersiFrame<sup>®</sup> comes with two rubber strips on the surface of the joist to provide friction for pavers to minimise movement, and additional sound and vibration dampening.

### 1 VersiFrame<sup>®</sup> Aluminium Joist

VersiFrame<sup>®</sup> allows for a high level of versatility and stability in the arrangement of floor pavers with height-adjustable pedestals and an array of accessories that integrate cleverly to achieve the preferred design and to allow full edge support for pavers.

### 2 Joist Adaptor

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

### 3 Pedestal

VersiJack<sup>®</sup> height-adjustable pedestals can be used with the VersiFrame<sup>®</sup> Aluminium Joist, offering a high strength, durable, and reliable substructure for paving installations.

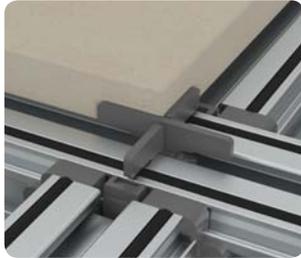
# VersiFrame<sup>®</sup> Accessories

1



Joist Spacer Tab

Joist Spacer Tab separates pavers by a gap of 3 mm, 4 mm, 8 mm and can be configured to accommodate different paver layouts.



2



Side Wall Spacer

Side Wall Spacer extends the end of a joist when it is a distance from the wall while ensuring a gap of 10 mm between pavers and the wall.



3



End Wall Spacer

End Wall Spacer covers the end of a joist when it is against the wall while ensuring a gap of 10 mm between pavers and the wall.



4



Perpendicular Joist Joiner

Perpendicular Joist Joiner allows one end of a joist to connect perpendicularly along the length of another joist.

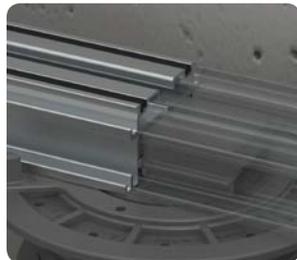


5



Straight Joist Joiner

Straight Joist Joiner is a concealed joiner that connects 2 joists in a straight line.



6



End Restrainer

End restrainer ensures that pavers do not slip off by closing off the perimeter edge of the paving area.



7

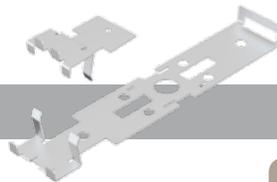


Angled Joist Joiner

Angled Joist Joiner is a stainless steel joiner that connects 2 joists in a straight line or at an angle.



8

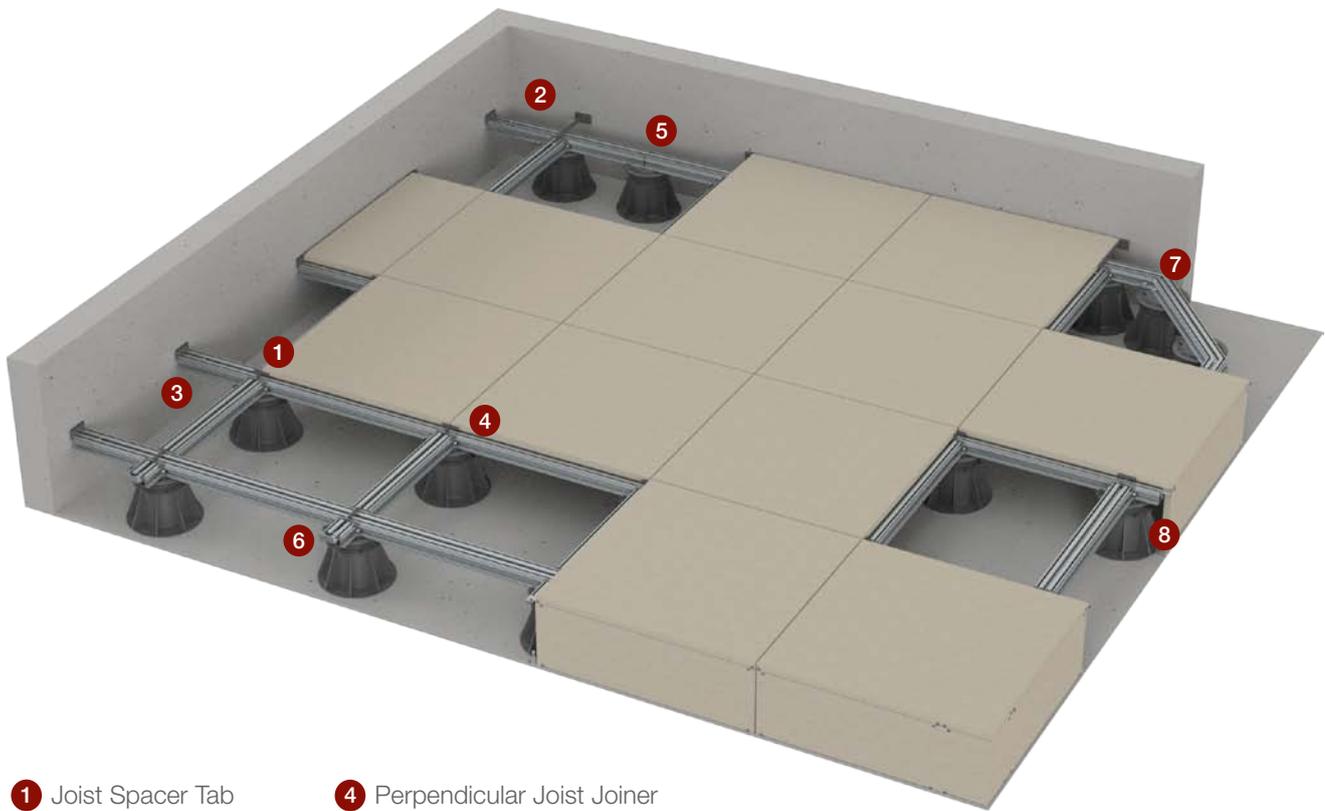


Vertical Edge Clips

Vertical Edge Clips allow pavers to be installed upright to create a closed edge installation.



*\*only compatible with VF 35R*



- 1 Joist Spacer Tab
- 2 Side Wall Spacer
- 3 End Wall Spacer
- 4 Perpendicular Joist Joiner
- 5 Straight Joist Joiner
- 6 End Restrainer
- 7 Angled Joist Joiner
- 8 Vertical Edge Clips

## Technical Specifications

	VersiFrame® 25R	VersiFrame® 35R
Material	Aluminium <sup>1</sup>	
Linear thermal expansion coefficient	2.34 x 10 <sup>-5</sup> K <sup>-1</sup>	
Supply length (m)	2.4	
Height (mm)	25	35
Design span along joist (mm)		
Live load <sup>2</sup> @ 3.0 kN/m <sup>2</sup>	600	900
Live load <sup>3</sup> @ 5.0 kN/m <sup>2</sup>	400	600
Biological / Chemical resistance	Unaffected by moulds and algae. Resistant to corrosion	

<sup>1</sup> A6063 T5

<sup>2</sup> Uniformly distributed live loads on residential raised floor balconies should not exceed 3.0 kN/m<sup>2</sup>.

<sup>3</sup> Uniformly distributed live loads on commercial raised floor areas should not exceed 5.0 kN/m<sup>2</sup>.



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