



## Wallbarn - Technical Datasheet

### Ventus - Wind Uplift Bracket



#### Product Description

The Ventus wind uplift bracket is a concealed accessory for use with raised paving systems to prevent tile movement and uplift in high wind conditions. Installed within the joints between adjacent paving slabs or tiles, it creates a mechanical connection that stabilises the finished surface while remaining completely hidden from view. The system allows secure restraint without fixing through the tile surface and can be installed on new builds or retrofitted to existing raised floors. It allows access to the substructure, allowing individual tiles to be removed for inspection or maintenance without compromising the system.

#### Compatibility

- Compatible with raised floor systems, typically that have porcelain tiles.
- To achieve the tested wind uplift performance, a stack bond tile layout is recommended.

#### Performance

Ventus is manufactured from corrosion-resistant stainless steel, selected for its high torsional strength and long-term mechanical stability. The material properties ensure consistent performance over time, even in exposed external environments. When installed in accordance with system guidelines, Ventus has been tested to withstand wind uplift pressures of up to 900 Pa, equivalent to wind speeds of approximately 140 km/h, and is classified as non-combustible with a Class A1 fire rating.

#### Included Accessory

Locker

#### Material

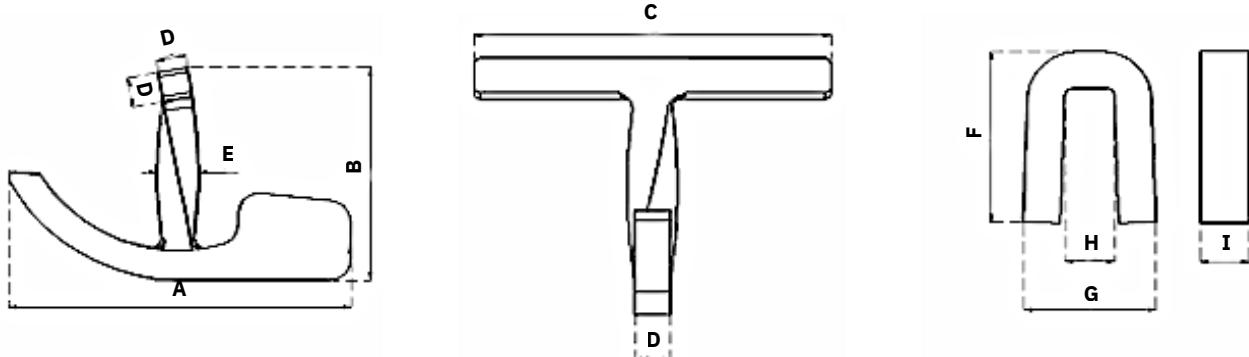
A316 L steel finish 2B 30/10 mm

#### Recycled Product

No

#### Recyclable

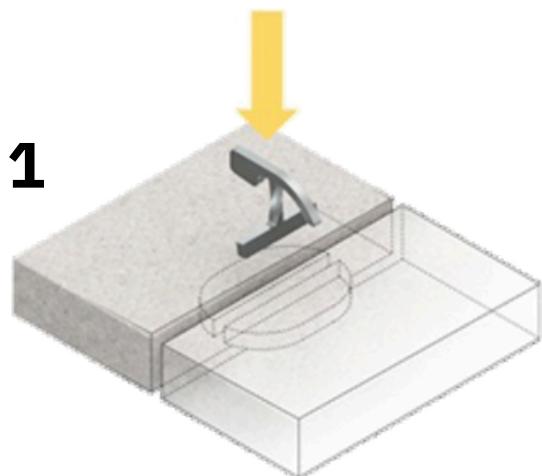
Yes



| Product Code       | Product Description        | A     | B     | C     | D    | E    | F     | G     | H    | I    |
|--------------------|----------------------------|-------|-------|-------|------|------|-------|-------|------|------|
| ????-??????-?????? | Ventus Wind Uplift Bracket | 35 mm | 22 mm | 30 mm | 3 mm | 4 mm | 14 mm | 11 mm | 4 mm | 4 mm |

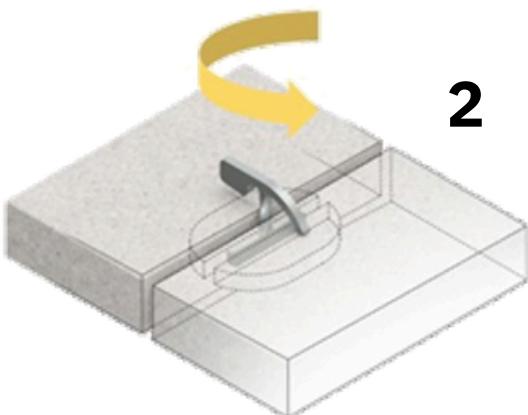
## Installation

Align Ventus to the joint

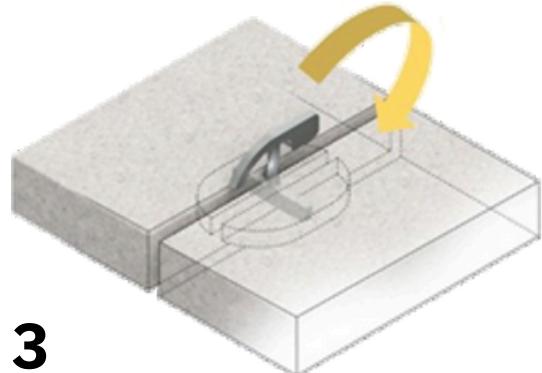


**1**

Insert Ventus in the gap between the tiles aligning with central side cut

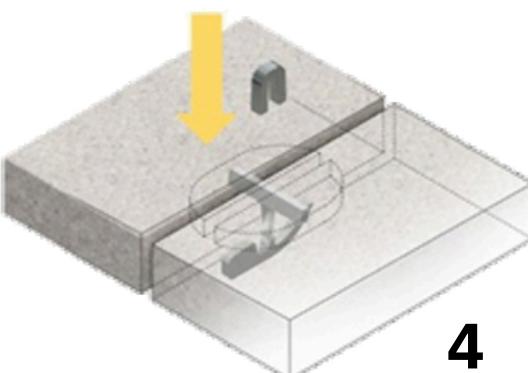


**2**



**3**

Rotate Ventus 90° to insert end into side cuts in the tiles



**4**

Once the Ventus drops into place, place the locking accessory into position.



## Recommended cuts on 600 x 600mm porcelain

