

## TECHNICAL DATASHEET

# Inline Slate Vent RIVEN

## Product Details

The In-line slate ventilators have been designed to be both unobtrusive and for use with most manufacturers' profiles and colours.

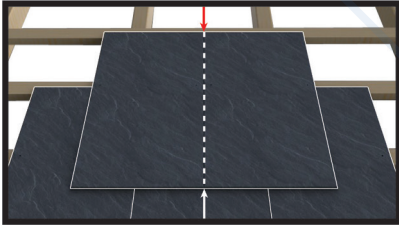
The 10,000mm<sup>2</sup> ventilation area has no sharp edges to trap leaves and any other debris significantly reducing the risk of blocked ventilation and are suitable for roof pitches of 22.5° degrees and above. The vent incorporates 4mm flyscreen protection. Designed to also be used for Retro-fit applications.

## Technical

Use	Permits entry of air into roof space for cross flow ventilation or for use with mechanical extraction Material & colour UV Stable HIPS sheet with a 'Pin-Seal' finish.
Product Reference	KSVF10GR: Slate In-Line Ventilator (500mm x 250mm) RIVEN Available in Slate Grey RTVA100: Pipe adapter to suit 110mm flexi-pipe
Authority For Roof Space Ventilation:	BS5250: 2011, BS5534: 2003 Building Regulations Approved Document F2: 2010
For Passive Stack Ventilation:	BS5925:1991, Building Regulations Approved Document F1:2010
For Soil Vent Application:	BS EN 12056-2:2000
Performance:	Guaranteed actual nett free ventilation area: 10,000mm <sup>2</sup>
Spacing:	2.0m for 5,000mm <sup>2</sup> /m
	1.0m for 10,000mm <sup>2</sup> /m
Airflow resistance when used as SVP/extract terminal:	54m <sup>3</sup> /hr (15 litres/sec): 10Pa
	108m <sup>3</sup> /hr (30 litres/sec): 42Pa
	216m <sup>3</sup> /hr (60 litres/sec): 162Pa

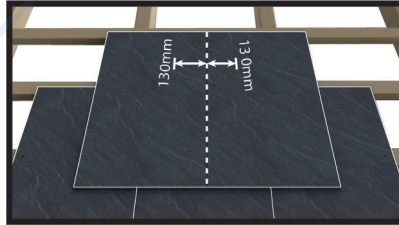


# TECHNICAL DATASHEET INLINE SLATE VENT - RIVEN



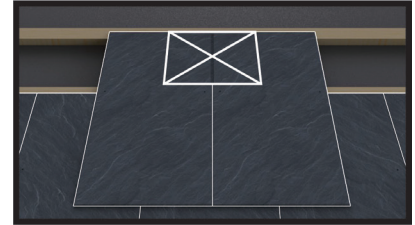
Step 1:

Two slates will need to be trimmed. Ensure the perp formed by the two slates falls between rafters.



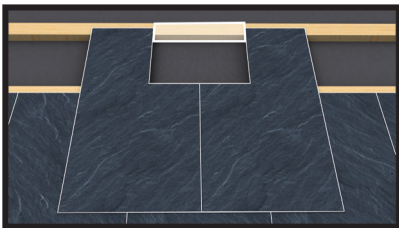
Step 2:

From the perp measure across one slate horizontally 130mm. Repeat this measurement across the other.



Step 3:

A vertical cut needs to be made from the head of the slate to where the slate meets the batten. Remove slate and trim.



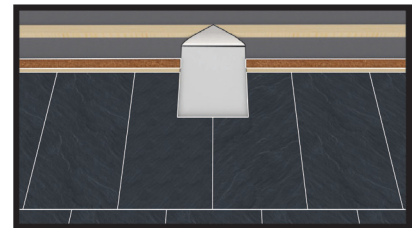
Step 4:

Re-position slates and fix securely. Carefully cut batten from between the removed section of slate.



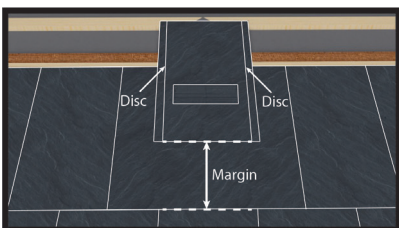
Step 5:

To secure the ends of the cut batten, nail further batten above the cut batten and tosh nail the ends. (Recommended to span two rafters)



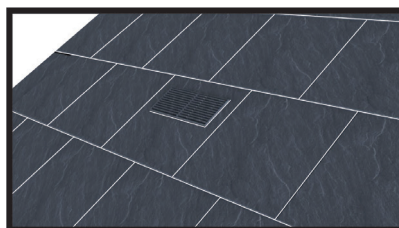
Step 6:

Carefully cut away the felt to the area of the removed slate. Cut the top section diagonally and pin back to the batten above.



Step 7:

Place the vent in position and secure, ensuring the tail of the vent is at the correct margin. If required insert complete copper disc rivets to slots.



Step 8:

Continue slating the roof safe in the knowledge your roof will be able to breath for the lifetime of the roof.

