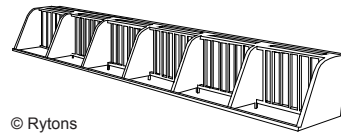
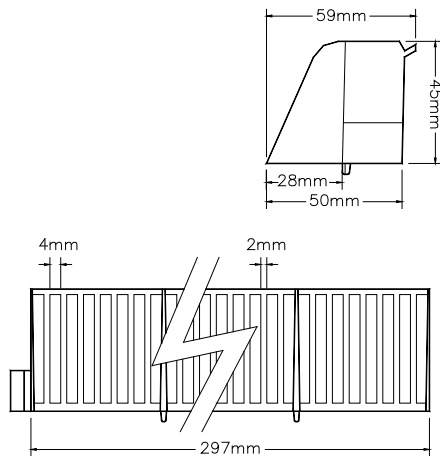


## Technical Data Sheet Rytons Abutment Ventilator

[www.vents.co.uk](http://www.vents.co.uk) (search code: OFV300)

April 2010

### Dimensional Drawing



© Rytons

### Approvals and Testing



Irish Reg. Stat.

### Main Uses, Features and Benefits

- Flat roof abutment ventilator.
- Allows air into roof void.
- Fins prevent felt blocking the vent slots.
- Unseen when roof is completed.
- 4mm ventilation slots promote unrestricted air flow.
- Use with Rytons RRV250 or TV range.

H60 Plain Roof Tiling

H61 Fibre Cement Slating

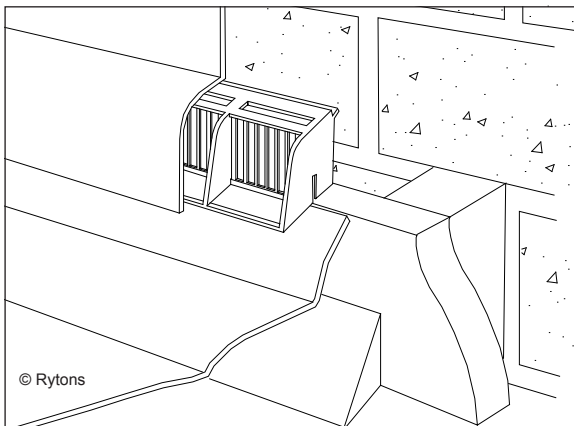
H62 Natural Slating

H65 Single Lap Roof Tiling

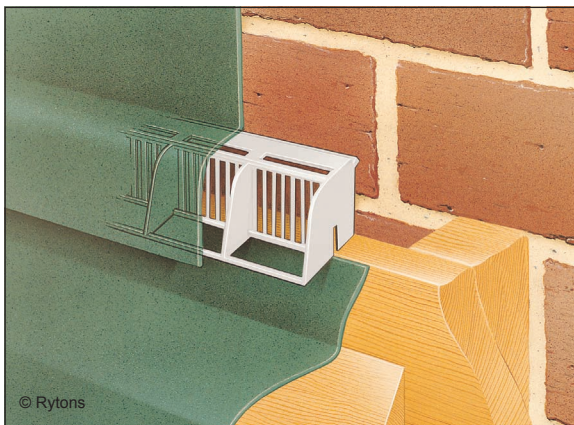
Specification Clauses 72, 675

nsPlus

### In-Situ Line Drawing (flat roof abutment)



### In-Situ Drawing (flat roof abutment)



Product Specification Code	Free Area
Rytons OFV300	7500mm <sup>2</sup> per length (25252mm <sup>2</sup> per metre)
Equivalent to a continuous opening 25mm wide	

### Size

297mm (L) x 59mm (W) x 45mm (H).  
AutoCAD drawing available by email.

### Composition

Polypropylene.

### Colours

White.

### Specification Paragraph

Manufacturer: Rytons Building Products Ltd

T: 01536 511874, F: 01536 310455, E: admin@rytons.com

Visit our website at [www.vents.co.uk](http://www.vents.co.uk)

Product ref: Rytons Abutment Ventilator White (ref OFV300 to BBA 94/3070)

### Installation

Fix through the pre-formed slots across the top of the ventilator to a softwood timber batten secured to the roof timbers maintaining a gap of at least 25mm from the wall. A timber fillet may be placed on top of the ventilator before being dressed with lead.

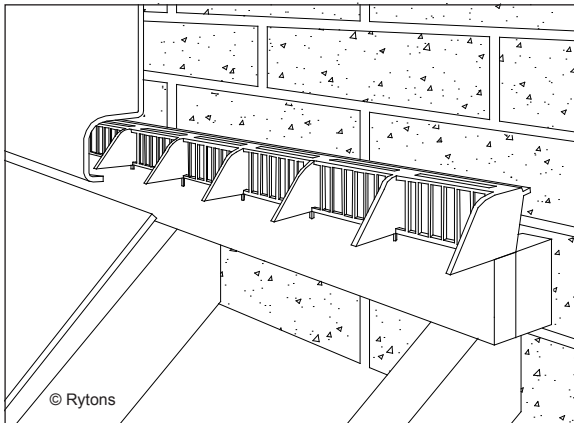
## Technical Data Sheet

### Rytons Abutment Ventilator

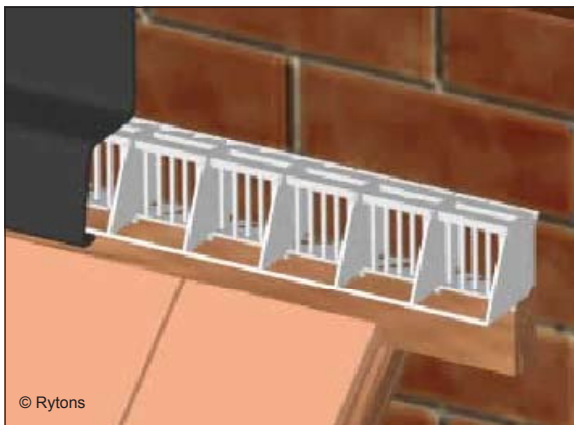
[www.vents.co.uk](http://www.vents.co.uk) (search code: OFV300)

April 2010

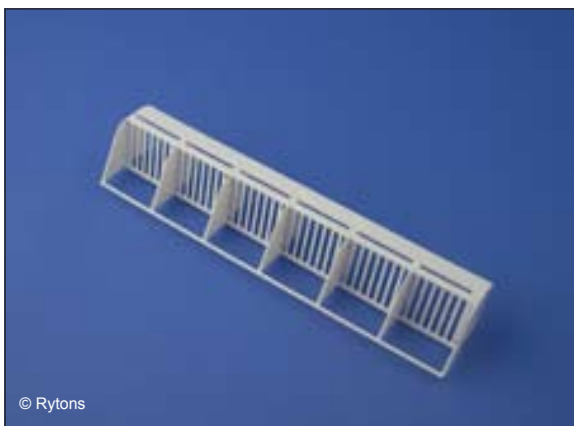
#### In-Situ Line Drawing (mono pitch roof abutment)



#### In-Situ Drawing (mono pitch roof abutment)



#### Photo Library



#### BBA Approval

Rytons has 73 British Board of Agrément approved products; the largest range on the market. BBA certification is third party evaluation and accreditation, and approved products are accepted by building control officers, architects, engineers and surveyors nationwide. The NHBC also accept products approved by the BBA when used as stated in the relevant BBA certificate. Rytons also has an Irish Building Regulation Statement for each of their three BBA certificates.

#### UK Regulations, Standards and Guidelines

##### British Standard BS 5250:2002 (amended 23 December 2005)

**8.4.2.2.3.2** The openings should be equivalent in area to a continuous opening of not less than:

- a) 25mm x length at eaves for pitches of 15° or less.
- b) 10mm x length at eaves for pitches of more than 15°.

**8.4.2.2.3.3** Additional ventilation openings, equivalent in area to a continuous opening of 5mm, should be provided at high level in:

- a) roofs where the pitch exceeds 35°.
- b) roofs of any pitch with a span greater than 10m.
- c) lean-to and mono-pitch roofs.

**8.4.2.2.3.4** Ensure that:

- a) all airpaths between the insulation and the underlay, including those provided by proprietary eaves ventilation products, are at least 25mm deep, irrespective of opening size.
- b) ventilation openings are not blocked by insulation material, dust, airborne debris, paint or frost.
- d) entry of birds and large insects is prevented; to achieve that, and to avoid excessive airflow resistance, a normal mesh/grille size of 4mm is recommended.

**The Building Regulations 2000, Approved Document C 2004 edition.**

**The Building (Scotland) Regulations 2007, Mandatory Standard 3.15.**

**The Building Regulations (Northern Ireland) 2000, Technical Booklet C.**

**NHBC Standards 2010, 7.2 Pitched Roofs - S11 (a).**

**Zurich Building Guarantee Solid Foundation Manual.**

A roof will meet the requirements if it is designed and constructed in accordance with Clause 8.4 of BS 5250:2002.

#### Handling Information

Box quantity: 30 lengths.

Box size: 35cm (W) x 26cm (H) x 23cm (D).

Box weight: 1.2kg.

#### Questions

##### Does the vent have a flymesh?

All Rytons over facia vents feature 4mm wide ventilation slots, which form a barrier against birds and large insects. The addition of a smaller gauge mesh would dramatically increase the risk of blockage by airborne debris affecting the performance of the vent.



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