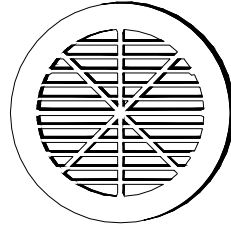
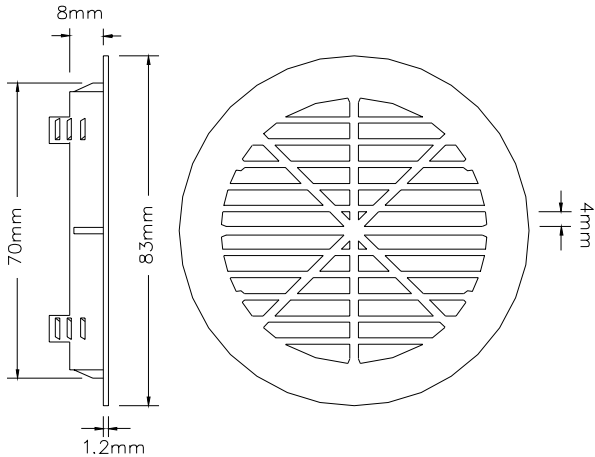


Technical Data Sheet

Rytons Push & Lock® Ventilator

Dimensional Drawing



Irish Reg. Stat.

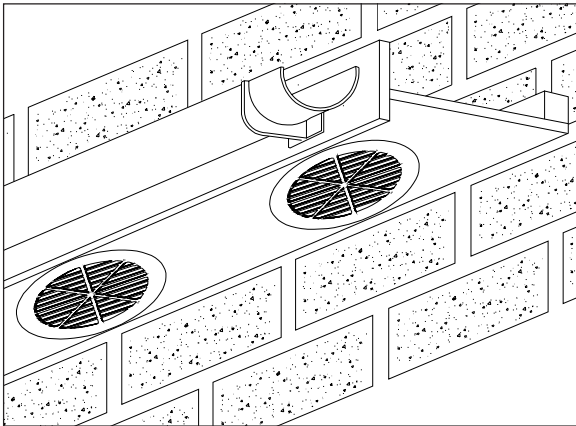
Main Uses, Features and Benefits

- Round ventilator for new or existing soffit boards.
- Unique grips suit wood AND plastic soffit boards of any thickness.
- Maintains flush finish with soffit board.
- 4mm ventilation slots promote unrestricted air flow.
- Use with Rytons RV600 on refurbishment projects.
- Use with Rytons RRV250 or TV range on new build.



G20 Carpentry/Timber Framing/First Fixing
Specification Clause 900

In-Situ Line Drawing



Product Specification Code

Rytons PL235.

Size

70mm (Internal Diameter). 83mm (External Diameter).
R14 AutoCAD drawing available by e-mail.

Free Area

2358mm² per unit (10252mm² per metre).

Equal to a Continuous Opening

10mm wide when fitted at 230mm centres.

Composition

Polypropylene.

Colours

White, brown, black, light oak.

Specification Paragraph

Manufacturer:

Rytons Building Products Ltd Tel: 01536 511874 Fax: 01536 310455

Email: admin@rytons.com Web: www.vents.co.uk (updated regularly)

Product ref:

- Rytons Push & Lock® Ventilator White (ref PL235WH to BBA 94/3070)
- Rytons Push & Lock® Ventilator Brown (ref PL235BR to BBA 94/3070)
- Rytons Push & Lock® Ventilator Black (ref PL235BL to BBA 94/3070)
- Rytons Push & Lock® Ventilator Light Oak (ref PL235LO to BBA 94/3070)

Type: Circular push in soffit ventilator

Accessories:

- Rytons Hole Saw (ref HSAW)
- Rytons Arbor (ref ARBOR)

Installation

Cut 70mm diameter holes in soffit board at 230mm centres. Push fit Push & Lock® Ventilator into position. Recommended for use with Rytons Refurbishment Ventilator (RV600) on refurbishment projects. Recommended for use with Rytons Roof Ventilators (TV600, TV6005D) or Rytons Rafter Roll Ventilator (RRV250) on new build projects. Consideration should be given to using Rytons EavesGuard® (EG920) to prevent felt rot.

In-Situ Drawing



Technical Data Sheet

Rytons Push & Lock® Ventilator

Colour Key



Photo Library

Available in four colours to match most soffit boards.



Questions

Is this the vent to use if soffit ventilators have not been fitted?

Yes, Rytons Push & Lock® Ventilator will get you out of trouble as each unit is easily fitted when the soffit board is in place. Remember ventilation is also required at the eaves for effective roof ventilation.

Does the vent have a flymesh?

All Rytons soffit 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.

Can I space Rytons Push & Lock® Ventilators to achieve a venting gap equal to 25mm?

It may be possible to achieve a venting gap equal to 25mm if the soffit is wide enough to stagger the extra vents required.

Can the vent be painted?

We do not recommend painting Rytons Push & Lock® Ventilator.

Is colour matching available?

This product is available to order in non-standard colours, choosing from either a Rytons colour or supplying a RAL number. For further information ask about Rytons Colour Matching service.

Can you use the vent in a hollow uPVC soffit board?

Yes, the unique grips on the fixing lugs have been designed for this purpose.

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 2004, Mandatory Standard 3.15.

The Building Regulations (Northern Ireland) 2000.

NHBC Standards 2006 7.2 - 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: 100 number.

Box size: 27cm (W) x 28cm (H) x 18cm (D).

Box weight: 1kg.

Technical Data Sheet

Rytons Push & Lock® Ventilator

Accessories Available

Photo Library

Arbor and Hole Saw



Rytons Arbor

- Arbor with high-speed steel pilot drill.
- Compatible with Rytons Hole Saw.

Product Specification Code

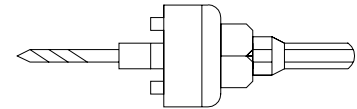
Rytons ARBOR.

Hex. Shank Size

11mm.

For Chuck Size

13mm.



Rytons 70mm Diameter Hole Saw

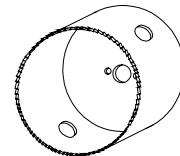
- Bimetal hole saw with constant pitch.
- Drills a 70mm diameter hole.
- Drilled hole accommodates Rytons PL235.
- Compatible with Rytons Arbor.

Product Specification Code

Rytons HSAW.

Size

70mm (Diameter).



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