

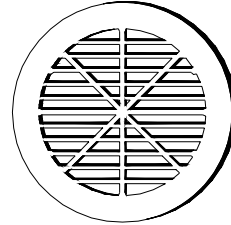
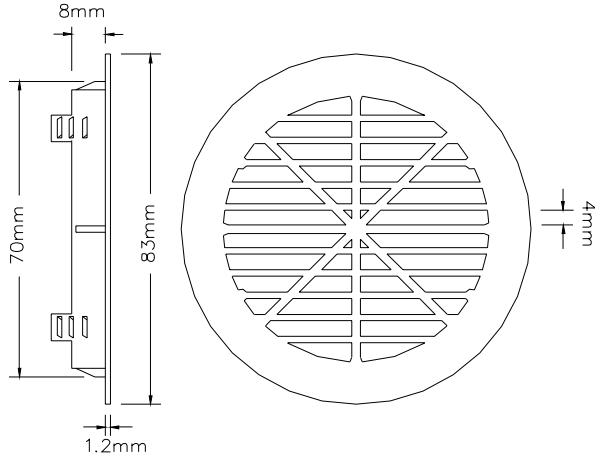
Technical Data Sheet

Rytons Push & Lock® Ventilator

www.vents.co.uk ROOFING section

April 2005

Dimensional Drawing



Irish Reg. Stat.

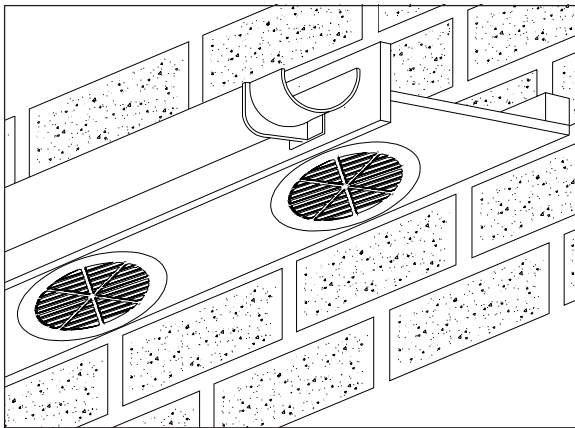
Main Uses, Features and Benefits

- 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
900 EAVES SOFFIT VENTILATORS

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 Continuous Venting Gap

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. Simply push Push & Lock® Ventilator into position. Recommended for use with Rytons Refurbishment Ventilator (RV600) on refurbishment projects. Recommended for use with Rytons Roof Ventilators (TV600, TV400, 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



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Photo Library

Four colours available to match most soffit boards.



BBA Approval

Rytons has 59 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

The Building Regulations Approved Document F2.

NHBC Standards Chapter 7.2.

Building Standards (Scotland) Technical Standards Part G.

The Building Regulations 1997 Technical Guidance Document F.

British Standard BS 5250:2002.

Zurich Building Guarantees Technical Manual 'solid foundation'.

In Brief

Ventilation should be provided on opposite sides of the roof, equivalent to a continuous gap of the width shown. Rytons Push & Lock® Ventilator (PL235) is suitable for use in the roof profiles below.

Accessories Available

Rytons 70mm Diameter Hole Saw

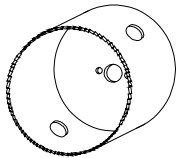
- Bimetal hole saw with constant pitch.
- Drills a 70mm diameter hole.
- Drilled hole accommodates Rytons PL235.
- Compatible with Rytons Arbor.

Product Specification Code

Rytons HSAW.

Size

70mm (Diameter).



Rytons Arbor

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

Product Specification Code

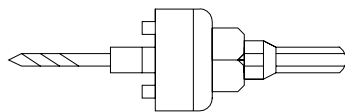
Rytons ARBOR.

Hex. Shank Size

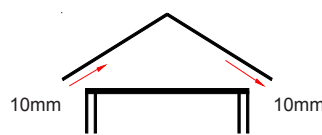
11mm.

For Chuck Size

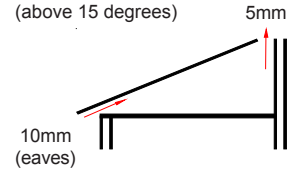
13mm.



Pitched Roof (above 15 degrees)



Mono Pitch Roof (above 15 degrees)



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 however our sales office is happy to discuss requirements for non-standard colours.

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.