

Issue 13
October 2011



Rytons Cavity and Underfloor Ventilators Plus Rytons DamRyt® Our New Render & Flood Protection Range

Full size guides and technical data sheets available at:
www.vents.co.uk

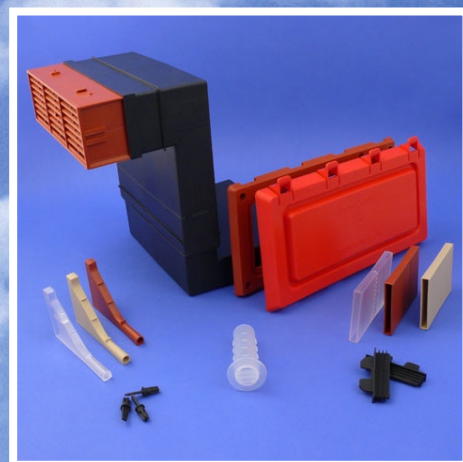


You may also be interested in:

- Rytons Background Ventilators
- Rytons Boiler, Stove and Fire Ventilators
- Rytons Roof Ventilators

For more information call:
01536 511874

 Find us at:
[facebook.com/rytons](https://www.facebook.com/rytons)



105
Approved
Products



28
Approved
Products



44
Tested
Vents



12
Tested
Vents



nssPlus

Services and Approvals

Free Delivery

Free delivery is available on orders of just **£50 nett** to any address on the UK mainland – including sites.

Next Day Delivery

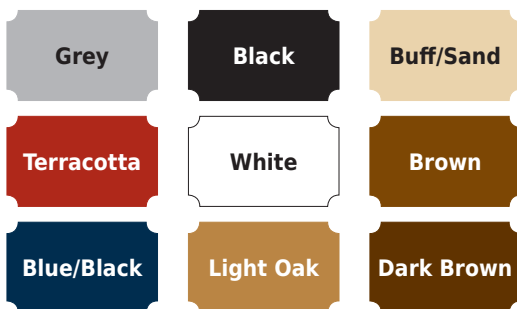
Fast delivery means shorter leads times with orders confirmed before 3pm dispatched the same day and over 99% delivered **next working day** at no extra charge. Orders to Northern Ireland and the Republic of Ireland are normally delivered in 2-3 working days.

Happy to Help

Please feel free to call us on **01536 511874** or email us at **admin@rytons.com** with your quotes, questions or queries. Our offices are open 8:30am – 5:00pm weekdays and we are here to help.

Colour Matching Service

We are able to manufacture many of our ventilators in alternative colours. You can choose from our standard colour palette below or provide us with a RAL number. For further information contact our sales office.



Environmental Policy

Where practicable, and where the product quality can be maintained, our plastic products are made from or incorporate recycled material. Where possible product packaging is made of degradable recycled cardboard and the minimum packaging possible is used. To avoid excessive product literature, information is available in a variety of paper free formats. Further information is available at www.vents.co.uk.



Please recycle cardboard packaging, product guides and printouts.



If you are unable to use excess products on another project they may be recycled where facilities exist.

Verifiable Testing and Independent Approvals

Rytons has the largest range of **BBA approved** ventilators on the market. BBA approval is third party evaluation and accreditation, and approved products are accepted by building control, architects, engineers and surveyors, and by the NHBC. It's your assurance that our products meet the Standards and will last – something not offered by all manufacturers.

HETAS is the official body for approving solid fuel domestic heating appliances. Rytons ventilators are the only products on the market with HETAS approval and the only ventilators recommended by HETAS to their registered engineers.

The Building Research Establishment Ltd is an independent testing authority. BRE Acoustics measurements were conducted using procedures accredited by UKAS.

Advantica Technologies, previously known as British Gas Technologies, developed the dynamic test procedure for calculating the equivalent area of a ventilator.



NBS Plus

Rytons technical specifications are listed on **NBS Plus**, part of the NBS industry standard specification software used by architects, building surveyors and other construction industry professionals. NBS Plus data is also available to paste straight into your project specification, free of charge, at www.vents.co.uk.

Key

	Made from U.V. stabilised material
	Flame retardent
	Fire retardent
	Available bar coded/bagged for display

No part of this publication may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying, recording or information storage or retrieval system, without either the prior permission in writing from the publisher or a licence, permitting restricted copying.

Architects or similar are permitted to reproduce appropriate illustrations on plans and documents only.

All Rytons products are neither hazardous to health nor harmful to the environment when used correctly. Rytons reserve the right to improve specifications from time to time without prior notice. All information is given in good faith and to the best of our knowledge is true and accurate. Since delivery dates, the use of products and control of the labour involved is outside our control, no warranty is given nor should Rytons representatives or agents imply any warranty. Customers should also satisfy themselves that the products are suitable for the intended purpose.

Calls to and from Rytons are recorded to help us maintain and improve our service.

Rytons products are protected under section 213 of the Copyright, Designs and Patents Act 1988. © Registered Trademark of Rytons Building Products Ltd. All trademarks and trade names used in this brochure are the property of Rytons Building Products Ltd. Copyright © Rytons Building Products Ltd 2011.

Any communication regarding the above should be directed to Rytons Building Products Ltd, Design House, Kettering Business Park, Kettering, NN15 6NL.

Venting and Draining Timber Frame

The Building (Scotland) Regulations - Domestic

Cavities should be vented to the outside air by installing ventilators with at least 300mm² free opening area at 1.2m maximum centres. Precipitation can penetrate the outer leaf of an external wall and cavities are normally drained through weep holes. These weep holes can also provide the necessary venting.

"Not all manufacturers' weep holes have the capability to provide the necessary venting. Check the air space of your weep vent, check your spacing!"



Open perpends can be uneven

NHBC Standards

The cavity should be ventilated and ventilation openings should be equivalent to open brick perpend every 1.2m.

"An open brick perpend 10mm wide x 65mm high has a free area of 650mm². Check the free air space of your vent, check your spacing!"



A badly installed 'weep vent'

Timber frame manufacturers of quality now recognise the importance of installing venting inserts rather than leaving open perpend as they are quick and easy to fit, give uniformity and good ones offer other benefits such as internal water baffles.

Which vent should you choose?

Regulations clearly state cavities should be ventilated. Some units on the market are described as dual function (weep vents) but are these capable of giving you the best of both? Here's a few points to consider:-

- Some weep vents are primarily weep hole ducts with venting as their secondary job.

Are they going to give you the best performance?

- Some other weep vents provide very little air flow (one as low as 90mm² per unit) so you may have to install more than you think.

When comparing prices remember how many more you will be buying - and how frequently they will have to be installed.

Your solution

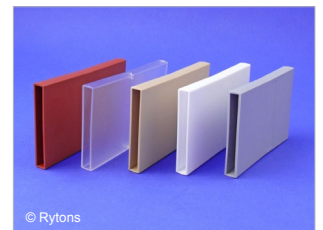
Rytons Slim Vent[®] Minor. The original perpend cavity vent used by major house builders nationwide.

It has had BBA certification for many years (your independent guarantee that it performs) and Slim Vents[®] are the only timber frame vents available with the BBA's approval.



With a huge air space of 330mm² per unit, Rytons Slim Vent[®] Minors may be fitted at the maximum 1.2m centres in Scotland and approximately every third brick to NHBC Standards, giving you a cost efficient advantage with no compromise on quality.

Available in five standard colours (terracotta, clear, buff/sand, white and grey), there's a Rytons Slim Vent[®] Minor to blend with most standard mortar colours and if you have an unusual brick or mortar a colour matching service is available – orange, pink, purple etc. they're not out of the question!



A great range of colours

Rytons Slim Vent[®] Minor also features unique internal water baffles, which prevent water transfer and makes it an effective weep hole for drainage (see BBA certificate 11/4866, Product Sheet 1, paragraph 3.2).

On site



- Rytons Slim Vent[®] Minor on a Miller Homes (Scotland) site
- Terracotta colour well matched to brickwork
- Clear opening allows unobstructed venting
- Good installation with no gaps

Any Questions

Should you have any queries or concerns regarding any of the information contained within this article please do not hesitate to contact our technical team on **01536 511874**.

Details of Rytons Slim Vent[®] Minor and other Slim Vents[®] can be found on page 5.

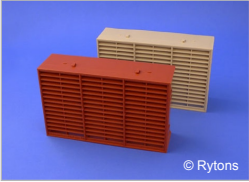







Rytons Cavity Weeps, Vents and DamRyt® Render & Flood Protectors

Order and Specification Code	Main Uses, Features and Benefits	Size	Free Area	Colours	Approvals & Testing
<p>Rytons RYTWEEP</p>  <p>© Rytons</p>	<p>Rytons Rytweep®</p> <p>Unobtrusive cavity weep hole. Virtually unseen when installed; shows only small weep outlet. Lugs aid mortar adhesion. Quickly and easily fitted. Compatible with Rytons Rytweep® Tube. Flood/render protector available (DAMWEEP).</p>	<p>101mm L x 66mm H x 10mm W</p>	<p>Not applicable</p>	<p>Terracotta, buff/sand, grey, clear, new black</p>	 <p>Product Sheet 1</p>
<p>Rytons RYTWTUBE</p>  <p>© Rytons</p>	<p>Rytons Rytweep® Tube</p> <p>Extension for blockwork and rendered walls. Push fit connection to Rytons Rytweep®. Easily cut to length.</p>	<p>500mm L x 6mm Int. Dia.x 8mm Ext.Dia.</p>	<p>Not applicable</p>	<p>Clear</p>	
<p>Rytons DAMWEEP</p>  <p>Rytweep® sold separately</p> <p>© Rytons</p>	<p>Rytons DamRyt® Rytweep® Protector (Render & Flood Protector)</p> <p>Render and flood protector for Rytons Rytweep®. Fit before rendering to prevent the outlet becoming blocked. Alleviates the need for cleaning out later. Fit when on flood alert to minimise damage caused by flood water entering through the cavity. Quick and simple to fit with no fixing tools. Flange aids positioning and helps prevent seepage. Specially shaped handgrip helps achieve a tight fit on installation and easy removal after use.</p>	<p>35mm L overall (15mm L plug with 18.5mm L handgrip) x 10mm dia. flange</p>	<p>Not applicable</p>	<p>Black</p>	<p>new</p>
<p>Rytons WHD</p>  <p>© Rytons</p>	<p>Rytons Weep Hole Duct</p> <p>The ORIGINAL purpose made weep hole duct. Lip prevents staining of brickwork. End cap prevents water ingress. No special fixing or brickwork required.</p>	<p>107mm L (inc. hood) x 65mm H x 10mm W</p>	<p>Not applicable</p>	<p>Buff/sand, terracotta</p>	 <p>Product Sheet 1</p>
<p>Rytons RTV250CL</p>  <p>© Rytons</p>	<p>Rytons Retro Weep Vent</p> <p>Cavity ventilator and weep hole duct for new build or refurbishment. Retro-fitted through a 25mm dia. drilled hole. Ideal solution when no provision has been made for cavity vents or weeps or an insufficient number have been installed. External fins provide a lock-tight fit. Flange covers drilling for a neat finish. Clear colour blends with any facing brick or render. Use in timber frame and traditional build.</p>	<p>80mm L (excl. flange) x 26mm Dia. (inc. fins)</p>	<p>250mm²</p>	<p>Clear</p>	 <p>Product Sheet 1</p>

Rytons Cavity Weeps, Vents and DamRyt® Render & Flood Protectors

Order and Specification Code	Main Uses, Features and Benefits	Size	Free Area	Colours	Approvals & Testing
Rytons SVMIN 	Rytons Slim Vent® Minor <p>The ORIGINAL cavity ventilator. Use in timber frame and traditional build. An effective weep hole. Internal baffles prevent water transfer. No special fixing or brickwork required. Rytons Slim Vents® are the ONLY timber frame vents with BBA approval.</p>	102mm L x 66mm H x 10mm W Allows 6mm venting gap	330mm ²	Terracotta, clear, buff/sand, white, grey	 Product Sheet 1
Rytons SVFMIN 	Rytons Flyscreened Slim Vent® Minor <p>Flyscreened cavity ventilator. Use in timber frame and traditional build. An effective weep hole. Internal baffles prevent water transfer. No special fixing or brickwork required. Rytons Slim Vents® are the ONLY timber frame vents with BBA approval.</p>	103mm L x 66mm H x 10mm W Allows 6mm venting gap	220mm ²	Black, terracotta, clear, buff/sand, white, grey	 Product Sheet 1
Rytons DAMSLIMVENT 	Rytons DamRyt® Slim Vent® Protector (Render & Flood Protector) <p>Render and flood protector for Rytons Slim Vent® Minor and Flyscreened Slim Vent® Minor. Fit before rendering to prevent the outlet becoming blocked. Alleviates the need for cleaning out later. Fit when on flood alert to minimise damage caused by flood water entering through the cavity. Quick and simple to fit with no fixing tools. Flange aids positioning and helps prevent seepage. Double handgrip helps achieve a tight fit on installation and easy removal after use.</p>	Flange: 67mm H x 10mm W Plug: 64.5mm H x 15mm D	Not applicable	Black	<div style="background-color: #4a4a8a; color: white; text-align: center; padding: 5px;">new</div>
Code: SVMAJ 	Rytons Slim Vent® Major <p>Extra long cavity ventilator. Also cross-cavity and underfloor ventilator. Two sets of baffles prevent water transfer. No special fixing or brickwork required.</p>	304mm L x 66mm H x 10mm W Allows 6mm venting gap	330mm ²	Clear	 Product Sheet 1

Rytons Multifix® Air Bricks and DamRyt® Flood Protector

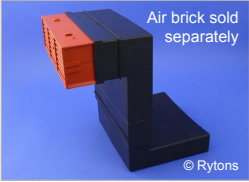

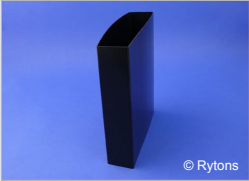
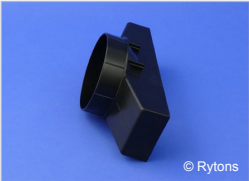
Order and Specification Code	Main Uses, Features and Benefits	Size	Free Area	Colours	Approvals & Testing
Rytons MFAB96 	Rytons '9x6' Multifix® Air Brick Robust interlocking '9x6' air brick. Textured finish maintains aesthetic appearance. Use with Rytons '9x6' Telescopic AirLiner® (TCL18000) and '9x6' Acoustic AirLiner® (TAL8000). U.V. stabilised to slow down the effects of sunlight. 	215mm L x 134mm H x 59mm D	15185mm ² 151.85cm ²	Terracotta, buff/sand,	 Product Sheet 4
Rytons MFAB 	Rytons Multifix® Air Brick Robust interlocking air brick. One size can form a unit '9x6', '9x9' etc. Textured finish maintains aesthetic appearance. Use with Rytons Periscope® Underfloor Ventilator (PUFV) and AirLiners® '9x3', '9x6' and '9x9'. U.V. stabilised to slow down the effects of sunlight. 	215mm L x 66mm H x 58mm D	7750mm ² 77.5cm ²	Terracotta, buff/sand, white, blue/black, black, grey, brown	 Product Sheet 1
Rytons DAMRYT® 	Rytons DamRyt® Air Brick Protector (Flood Protector) Flood protector for any 9" x 3" air brick or grille. Snap on cover can be fitted in seconds. Permanent frame colour matched allowing the property to retain a normal appearance when not on flood alert. Red cover attracts attention and acts as a reminder to remove it when flood water has receded. U.V. stabilised frame to slow down the effects of sunlight. 	Frame: 300mm L x 145mm H x 10mm D overall ext. Cover: 305mm L x 162mm H overall ext.	Not applicable	Frame: Buff/sand, terracotta, white Cover: Red	<div style="background-color: #4a4a8a; color: white; text-align: center; padding: 5px;">new</div>

Tip

If you're building in a flood risk area raise your underfloor ventilation by several brick courses to avoid low level flooding through air bricks. Rytons Periscope® Underfloor Ventilator expands up to five brick courses and fitting Rytons Periscope® Vertical Extension takes you even higher.

Find out if you are in a flood risk area at www.vents.co.uk/flood.asp

Rytons Periscope® Underfloor Ventilator and Accessories

Order and Specification Code	Main Uses, Features and Benefits	Size	Free Area	Colours	Approvals & Testing
Rytons PUFV  <p>Air brick sold separately © Rytons</p>	Rytons Periscope® Underfloor Ventilator <p>For block and beam and timber floors. Alleviates build-up of dangerous gases. Expands up to 5 brick courses. Prevents damage by condensation. Use with Rytons Multifix® Air Brick (MFAB).</p>	<p>218mm W x 250mm D x 368mm H (fully extended with MFAB fitted)</p>	<p>7750mm² with MFAB fitted</p>	<p>Black</p>	 <p>Product Sheet 1</p>
Rytons PUFVEXT  <p>© Rytons</p>	Rytons Periscope® Vertical Extension <p>Vertical extension sleeve for Rytons Periscope® Underfloor Ventilator (PUFV). Easily installed with no extra fitting required. May be cut to length.</p>	<p>1000mm L x 220mm W x 54mm D</p>	<p>Not applicable</p>	<p>Black</p>	
Rytons HADAP100  <p>© Rytons</p>	Rytons Horizontal Adaptor <p>Allows a connection from Rytons Periscope® Underfloor Ventilator (PUFV) to rigid ducting e.g. soil pipe for ventilation to isolated floor areas. May also be used as a connection from Rytons Non-Telescopic AirLiner® (TCL8LNR) to flexible or rigid ducting.</p>	<p>215mm L x 67mm H x 49mm D excl. tube connector x 101mm Dia. spigot</p>	<p>5980mm² 59.8cm²</p>	<p>Black</p>	

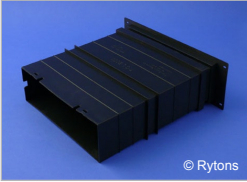

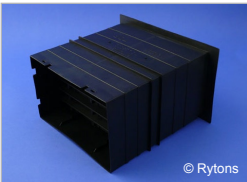

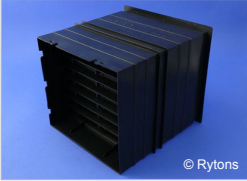

Can't find the colour you require?

We are able to manufacture many of the ventilators in this guide in alternative colours. You can choose from our standard colour palette below or provide us with a RAL number.

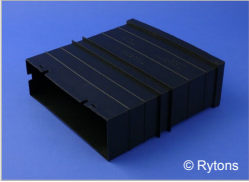

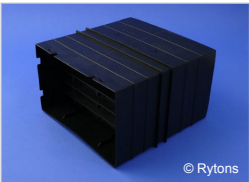

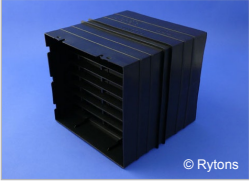

Call **01536 511874** and talk to our sales office about colour matching.



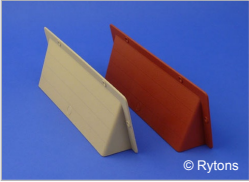
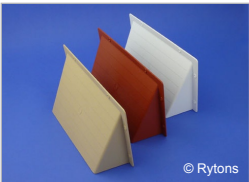
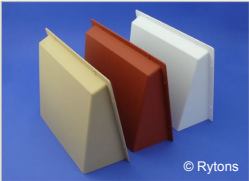

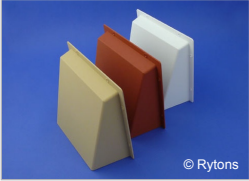
Rytons '9x3', '9x6' and '9x9' Telescopic AirLiners®

Order and Specification Code	Main Uses, Features and Benefits	Size	Free Area	Colours	Approvals & Testing
Rytons TCL8000	Rytons '9x3' Telescopic AirLiner®				
 <p>© Rytons</p>	<p>Rigid telescopic cavity liner. Internal baffle reduces light and draughts. External baffles prevent water transfer. Use with Rytons Multifix® Air Brick (MFAB). Suits Rytons internal louvre and hit & miss vents.</p>	<p>220mm W x 71mm H Extends from 250-368mm L with MFAB fitted</p>	<p>8000mm² 80cm² (reduced by internal and external grilles)</p>	<p>Black</p>	 <p>BBA APPROVAL INSPECTION TESTING CERTIFICATION CERTIFICATE 11/0899 Product Sheet 1</p>
Rytons TCL18000	Rytons '9x6' Telescopic AirLiner®				
 <p>© Rytons</p>	<p>Rigid telescopic cavity liner. Internal baffles reduce light and draughts. External baffles prevent water transfer. Use with Rytons Multifix® Air Bricks (MFAB/MFAB96). Suits Rytons internal louvre and hit & miss vents.</p>	<p>220mm W x 140mm H Extends from 250-404mm L with MFAB fitted</p>	<p>13000mm² 130cm² (reduced by internal and external grilles)</p>	<p>Black</p>	 <p>BBA APPROVAL INSPECTION TESTING CERTIFICATION CERTIFICATE 11/0899 Product Sheet 1</p>
Rytons TCL20000	Rytons '9x9' Telescopic AirLiner®				
 <p>© Rytons</p>	<p>Rigid telescopic cavity liner. Internal baffles reduce light and draughts. External baffles prevent water transfer. Use with a configuration of 3no. Rytons Multifix® Air Bricks (MFAB). Suits Rytons internal louvre and hit & miss vents.</p>	<p>220mm W x 207mm H Extends from 250-404mm L with MFAB fitted</p>	<p>19800mm² 198cm² (reduced by internal and external grilles)</p>	<p>Black</p>	 <p>BBA APPROVAL INSPECTION TESTING CERTIFICATION CERTIFICATE 11/0899 Product Sheet 1</p>

Rytons '9x3', '9x6' and '9x9' Non-Telescopic AirLiners®

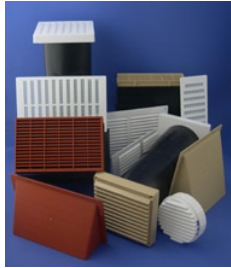
Order and Specification Code	Main Uses, Features and Benefits	Size	Free Area	Colours	Approvals & Testing
Rytons TCL8LNR 	Rytons '9x3' Non-Telescopic AirLiner® Rigid cavity liner. Internal baffle reduces light and draughts. External baffles prevent water transfer. Use with Rytons Multifix® Air Brick (MFAB). Suits Rytons internal louvre and hit & miss vents.	220mm W x 71mm H x 230mm L	8000mm ² 80cm ² (reduced by internal and external grilles)	Black	 BBA APPROVAL INSPECTION TESTING CERTIFICATION CERTIFICATE 11/0899 Product Sheet 1
Rytons TCL18LNR 	Rytons '9x6' Non-Telescopic AirLiner® Rigid cavity liner. Internal baffles reduce light and draughts. External baffles prevent water transfer. Use with Rytons Multifix® Air Bricks (MFAB/MFAB96) Suits Rytons internal louvre and hit & miss vents.	220mm W x 140mm H x 230mm L	13000mm ² 130cm ² (reduced by internal and external grilles)	Black	 BBA APPROVAL INSPECTION TESTING CERTIFICATION CERTIFICATE 11/0899 Product Sheet 1
Rytons TCL20LNR 	Rytons '9x9' Non-Telescopic AirLiner® Rigid cavity liner. Internal baffles reduce light and draughts. External baffles prevent water transfer. Use with a configuration of 3no. Rytons Multifix® Air Bricks (MFAB). Suits Rytons internal louvre and hit & miss vents.	220mm W x 207mm H x 230mm L	19800mm ² 198cm ² (reduced by internal and external grilles)	Black	 BBA APPROVAL INSPECTION TESTING CERTIFICATION CERTIFICATE 11/0899 Product Sheet 1

Rytons Cows

Order and Specification Code	Main Uses, Features and Benefits	Size	Free Area	Colours	Approvals & Testing
Rytons ABC3 	Rytons Cowl '9x3' Surface mounted cover for 9" x 3" openings, air bricks, grilles and vents. Protects against excessive weather conditions. Alleviates air blasts through the cavity. Textured roughcast finish. U.V. stabilised to slow down the effects of sunlight.	255mm L x 96mm H x 44mm D	8700mm ² 87cm ²	Buff/sand, terracotta	 Product Sheet 4
Rytons ABC6 	Rytons Cowl '9x6' Surface mounted cover for 9" x 6" openings, air bricks, grilles and vents. Protects against excessive weather conditions. Alleviates air blasts through the cavity. Textured roughcast finish. U.V. stabilised to slow down the effects of sunlight.	255mm L x 154mm H x 74mm D	16000mm ² 160cm ²	Buff/sand, terracotta, white	 Product Sheet 4
Rytons ABC9 	Rytons Cowl '9x9' Surface mounted cover for 9" x 9" openings, air bricks, grilles and vents. Protects against excessive weather conditions. Alleviates air blasts through the cavity. Textured roughcast finish. U.V. stabilised to slow down the effects of sunlight.	274mm L x 235mm H x 103mm D	23900mm ² 239cm ²	Buff/sand, terracotta, white	 Product Sheet 4
Rytons ABC8 	Rytons Cowl '8½x8' Surface mounted cover for openings, air bricks, grilles and vents. Protects against excessive weather conditions. Alleviates air blasts through the cavity. Textured roughcast finish. U.V. stabilised to slow down the effects of sunlight.	217mm L x 210mm H x 93mm D	16000mm ² 160cm ²	Buff/sand, terracotta, white	 Product Sheet 4

Rytons Product Guides, Technical Data Sheets and AutoCAD Drawings

Rytons Acoustic Ventilators



Rytons Background Ventilators



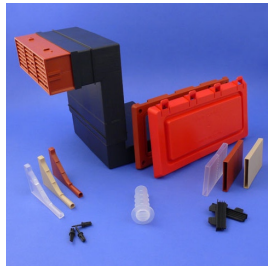
Rytons Boiler, Stove and Fire Ventilators



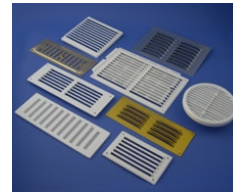
Rytons Roof Ventilators



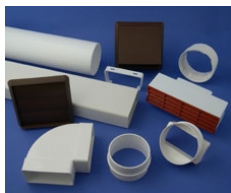
Rytons Cavity Vents & Flood Protection



Rytons Louvre and Hit & Miss Ventilators



Rytons RytDuct® Flat Channel Ducting



Rytons RytHose Flexible Ducting



Product Guides are available to download free of charge at:
www.vents.co.uk/productguides.asp

Technical Data Sheets

Available to download free of charge at **www.vents.co.uk**. Alternatively, they are available by email, fax or post, contact us on **01536 511874** or email **lit@rytons.com** with your request.

AutoCAD drawings

Available for the majority of products by email, fax or post, call us on **01536 511874** or email **lit@rytons.com** with your request.

Contact Us

Please feel free to call or email us with your quotes, questions or queries.

Rytons Building Products Ltd
Design House
Kettering Business Park
Kettering
NN15 6NL

T: 01536 511874

F: 01536 310455

E: admin@rytons.com

www.vents.co.uk

