



# Certificate

[www.bsria.co.uk](http://www.bsria.co.uk)

**Certificate No: 52249/1**

**Issue No: 2**

**Date of issue: 15 July 2010**

This is to certify that

**BSRIA Limited**

has tested a sample of the product described below in accordance with the test methods contained within *BS EN 1856-1:2003* and have determined the system chimney product has met the requirements of *BS EN 1856-1:2003*. For further details see page 2 of this certificate.

<b>Manufacturer/Agent</b>	H Docherty Ltd. Unit 15/16 Colthrop Business Park Thattham Berkshire RG19 4NB
<b>Product</b>	DS Twin Wall Insulated Flue System
<b>Test completion date</b>	4 December 2009
<b>Expiry date</b>	4 December 2012
<b>Test Engineer</b>	David Butler
<b>Quality Approved</b>	Dr Arnold Teekaram Head of Test & Certification

This Certificate must not be reproduced except in full without the written approval of an executive director of BSRIA. It is only intended to be used within the context described in the text.

**PRODUCT DETAILS**

<b>Product designation</b>
System chimney product EN 1856-1 – T450 – N1 – D – VmL50050 – G(50)
<b>Installation configuration</b>
Test chimney corner installation, enclosed

<b>Material type</b>	<b>Wall type</b>	<b>Joint design</b>
Stainless steel 316	25 mm Mineral wall	Twist lock with locking band

**TEST RESULTS****Table 1 Findings of examination for compliance with BS EN 1856-1 : 2003**

Clause	Description	Complies? Yes/No	Clause	Description	Complies? Yes/No
4	Manufacturer's declaration for type test	Yes	6.4.4	Water vapour diffusion resistance	N/a
9	Classification & designation	Yes	6.5	Durability of the flue liner against corrosion	Yes
6.4.3	Thermal resistance test	Yes	6.4.2	Safety in use	Yes
6.2	Resistance to fire	Yes	6.4.6	Rainwater penetration resistance	Yes
4.12 (1443)	Essential additional information	Yes	6.4.8.1	Rainwater penetration resistance of terminals	N/a
5	Dimensions & tolerances	Yes	6.4.7.3	Terminal flow resistance	N/a
6.1.1.1	Compressive strength for fitting	Yes	6.4.8.2	Aerodynamic behaviour of terminal under wind conditions	N/a
6.1.1.2	Compressive strength for chimney support	Yes	6.4.5	Condensate resistance test	N/a
6.1.2	Tensile strength	Yes	6.4.7.1	Flow resistance of sections	Yes
6.1.3.1	Lateral strength of fitting	Yes	6.4.7.2	Flow resistance of fittings	N/a
6.1.3.2	Components subject to wind load	Yes	7	Documentation & instructions	Yes
6.4.1	Thermal performance test	Yes	8.1	Marking of sections, fittings or terminals	Yes
6.4.1	Additional cycle test (For positive pressure chimney or chimney with seals)	N/a	8.2	Chimney plate	Yes
6.3	Gas tightness	Yes	8.2.1	Packaging	Yes