

Certificate

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Certificate No: 53550/2

Issue No: 1

Date of issue: 9 September 2010

This is to certify that

BSRIA Limited

has tested a sample of the product described below in accordance with the product standard *BS EN 1856-1:2009* and have determined the system chimney product has complied with the relevant clauses. For further details see page 2 of this certificate.

Manufacturer/Agent Lewo BV
Laagerfseweg
3931 PC Woudenberg
NL

Product Holetherm twin wall flue system with a ventilated fire-stop arrangement.

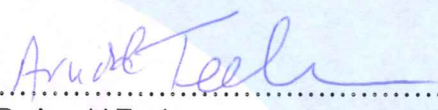
Range of sizes The testing covers all the sizes in the range.

Test completion date 20 August 2010

Expiry date 20 August 2013

Test Engineer David Butler

Quality Approved


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Dr Arnold Teekaram
Head of Test & Certification

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PRODUCT DETAILS

Product designation
System chimney product EN 1856-1 – T450 – N1 – D – VmL50040 – G(75)
Installation configuration
Test chimney corner installation, enclosed

Material type	Wall type	Joint design
Stainless steel 316	Mineral wall insulation	Spigot/socket

TEST RESULTS**Table 1 Findings of examination for compliance with BS EN 1856-1 : 2009**

Clause	Description	Complies? Yes/No	Clause	Description	Complies? Yes/No
4	Manufacturer's declaration for type test	Yes	6.6.4	Water vapour diffusion resistance	N/a
4.1 – 4.7 (EN 1443)	Classification	Yes	6.6.5	Condensate penetration resistance	N/a
5	Dimensions & tolerances	Yes	6.6.6	Rainwater penetration resistance	N/a
6.2.1.1	Compressive strength for sections & fittings	N/a	6.6.1	Safety in use	Yes
6.2.1.2	Compressive strength for chimney support	N/a	6.6.7.1	Flow resistance of sections	N/a
6.2.2	Tensile strength	N/a	6.6.7.2	Flow resistance of fittings	N/a
6.2.3.1	Lateral strength for non-vertical installation	N/a	6.6.7.3	Terminal flow resistance	N/a
6.2.3.2	Lateral strength for components subject to wind load	N/a	6.6.8.1	Rainwater terminals	N/a
6.2	Resistance to fire	Yes	6.6.8.2	Aerodynamic behaviour	N/a
6.6.1	Thermal performance test at normal operating conditions	Yes	6.7	Durability of the flue liner against corrosion	Yes
6.4	Sootfire resistance	Yes	7	Product information	N/a
6.6.1	Cycle test for positive pressure chimneys and negative chimneys with seals or sealant	N/a	8.2	Marking of chimney sections, fittings or terminals	N/a
			8.3	Chimney plate	N/a
6.6.2	Accidental human contact	N/a	8.4	Packaging	N/a
6.5	Gas tightness	Yes	4.12 (EN 1443)	Essential additional information	Yes
6.6.3	Thermal resistance test	N/a	9	Designation	Yes