

Certificate

Certificate No: 19414/1

Issue No: 1

Date of issue: 30 July 2009

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 1856-2:2004* and have determined the flexible liner product has met the requirements of *BS EN 1856-2:2004*. For further details see page 2 of this certificate.

Manufacturer/Agent	Excel Plumbing Products Unit 6 Kilcronagh Business Park Cookstown County Tyrone BT80 9HG
Product	Easiflex flexible chimney liners (Single wall flexible liner)
Range of sizes	100, 125, 150, 175, 200, 250, 300 mm internal diameter
Test period	6 November 2006 to 22 November 2007
Expiry date (see note below)	30 July 3012
Test Engineer	David Butler

Quality Approved

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Andrew Freeth
Test Engineer
Microclimate & Test

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BSRIA Limited

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PRODUCT DETAILS

Product designation
EN 1856-2 – T250 – N1 - D – VmL50010 – 0 (25)

Material type	
Stainless steel 316	1.4404

TEST RESULTS**Table 1 Findings of examination for compliance with BS EN 1856-2 : 2004**

Manufacturer's declaration for type test

BS EN 1856-2	BS EN 1856-1	BS EN 1443	Description	Complies? Yes/No
4	-	-	Classification and designation	Yes
-	-	4.1-4.7, 4.11	Classification and designation	Yes
6.4.3	-	4.8	Thermal resistance	N/a
6.2	6.2	4.10	Resistance to fire	N/a
4 & 5	-	5	Dimensions and tolerances	Yes
6.1.2.1	-	6.2	Compressive strength for fittings and supports of flexible liners	N/a
6.1.2.2	-		Tensile strength for flexible liners	Yes
6.1.2.3	-		Crushing resistance for flexible liners	Yes
6.1.2.4	-		Flexibility for flexible liners	Yes
	-		Torsion strength for flexible liners	Yes
	-		Pulling force for flexible liners	Yes
-	-	6.3	Thermal performance tests	Yes
6.3	-	6.4.1	Gas tightness	Yes
6.4.4	4.7	6.4.2	Water vapour diffusion resistance	N/a
6.5	-	6.4.3	Durability of liner against corrosion	Yes
6.4	6.4.2	6.5	Safety in use	Yes
6.4.5	-	6.7.4	Condensate penetration resistance	N/a
6.4.6	6.4.7.1 & 6.4.7.2	6.7.5	Flow resistance of rigid liners, rigid connecting flue pipes and fittings	Yes (1)
7	-	7	Manufacturer's documentation and instructions	Yes
8.1	-		Marking of sections, fittings and terminals	Yes
8.2	-		Chimney plate	Yes
8.2.1	-		Packaging	Yes

Note:- (1) Flow resistance as given in EN 13884-1 is mean roughness of 0.005.