

Certificate

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Certificate No: C17879/1

Issue No: 4

Date of issue: 31 March 2010

This is to certify that


BSRIA Limited

(Notified Body Identification Number 0480)

has tested a sample of the product described below in accordance with the test methods contained within *BS EN 1857:2003* and have determined the system chimney product has met the requirements of *BS EN 1857:2003*. For further details see page 2 of this certificate.

Manufacturer/Agent	Dunbrik (Yorks) Ltd. Ferry Lane Stanley Wakefield WF3 4LT
Product	Dunbrik A1 Concrete Flue Liners for domestic chimneys jointed with dunseal universal fireproof mortar paste
Test completion date	10 October 2003
Expiry date	31 March 2013
Test Engineer	David Butler

Quality Approved


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Dr Fiona Lowrie
MicroClimate & Test

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PRODUCT DETAILS

Product designation
EN1857 T600 N1 D 3 G

TEST RESULTS**Table 1 Findings of examination for compliance with BS EN 1857 : 2003**

Clause	Description of test	Complies?	
4.1	Materials	Yes	
4.2	Designation & classes	Yes	
7	Tolerances	Yes	
8.1	Heat stress resistance	Yes	
8.2	Heat shock resistance	Yes	
8.3	Gas tightness (N1 requirement)	Before heat stress resistance, clause 8.1	Yes
		After abrasion resistance, clause 8.4	Yes
8.4	Abrasion resistance	Yes (1)	
8.5	Compressive strength	Yes (2)	
8.9	Bulk density	Yes (3)	
8.10	Thermal resistance	Yes (4)	
8.12	Flow resistance	Yes	
9	Designation	Yes (5)	
10	Marking	Yes (6)	
11	Product information	Yes	

- (1) Dust removal is 0.03 Kg/m².
- (2) Failure loads measured were 259.3, 247.6 and 288.7 KN. The manufacturer's declared height will be based on the minimum load measured of 247.6 KN. This is equivalent to 2476 Kg or a height of 18.1m.
- (3) Declared bulk density derived from results of tests carried out to clause A.10.
- (4) The thermal resistance is 2.27 /m²K/KW
- (5) The designation is T600 N1 G D 3
- (6) Not required for a prototype test, information covered in installation package supplied with components.

Note: Issue 3 with the addition of "jointed with dunseal universal fireproof mortar paste" in the product title