

Summary Report

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Summary Report No: 17879/1 Edition 2

Issue No: 1

Date of issue: 25 February 2013

BSRIA Limited

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 Summary Report.

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
Test Engineer	David Butler

This summary report supersedes Summary Report 17879/1 dated 7 January 2013 and refers to Report Number 17879/1.

Quality Approved	Dr Arnold Teekaram Head of Chimneys & Combustion BSRIA Ltd
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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/W
- (5) The designation is T600 N1 D 3 G
- (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