

# dunbrik flues

domestic flue & chimney systems

## Dunbrik A1 Concrete Flue Liners

for domestic chimneys

### Costing for an offset flue 200mm id round flue liner system

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Costing for **Estimators Online Ltd.**  
House type **Not Shown - Flue 1.**  
Dunbrik ref. **A16436**  
Site **Various.**  
Plot number **Not Shown.**

EOL ref **21589EOL**  
Date printed **02 May 2006** **AJB**  
Flue dimensions Height Offset  
Required **7400** **700**  
Achieved **7379** **715**

Illustration of 200 mm i.d. flue with offset	Components	Product reference	Qty	Ex-works prices each	cost	Flue height mm
	<b>Flue components</b>			£	£	mm
	<b>Fireplace Recess</b>					
	Builders recess height from finished floor level - estimated					675
	Throat intel/ gather unit	200TL800	1	40.90	40.90	225
	<b>Offset components</b>					
	200mm flue bend 22.5 degree	200B	1	9.69	9.69	152
	200mm flue liner 600mm tall	200L600	2	9.62	19.24	1108
	200mm flue liner 150mm tall	200L150	3	4.55	13.65	417
	200mm flue bend 22.5 degree	200B	1	9.69	9.69	152
	<b>Straight flue run</b>					
	200mm flue liner 600mm tall	200L600	7	9.62	67.34	4200
	200mm flue liner 150mm tall	200L150	3	4.55	13.65	450
	<b>Jointing &amp; Infill</b>					7379
	Flue liner sealant 310ml	Dunseal	6	3.44	20.64	
	Infill aggregate 22kg mix for void	Dunfil	9	9.31	83.79	
	<b>Cost of flue components</b>				<b>278.59</b>	
	<b>Additional components</b>					
	Milner clay fireback 450mm	450FB	1	48.37	48.37	
	Cannon pot 300mm tall red	Cann300R	1	17.45	17.45	
	Topguard cowl 260 tall red	TG260	1	61.26	61.26	
Smoke pellet tube	Smoke	1	5.88	5.88		
Flue notice plate	Plates	1	4.20	4.20		
<b>Cost of additional components</b>				<b>137.16</b>		
<b>Total cost ex works</b>				<b>£ 415.75</b>		
<p>Dunbrik haulage charges to UK mainland within 300 miles of works; orders over £1,000 are delivered free; orders under £1,000 cost £55. Other destinations, price on application. Dunbrik charge for orders split into individual flues on a pallet is £20 per flue. Price list Apr 2006, prices valid for 60 days. Prices are subject to VAT Dunbrik products are available through builders' merchants, please telephone for details of your nearest supplier. Trading is subject to our standard conditions of sa</p>						
<b>Basis of costing</b>						
<p>This costing is based on the information provided. Please check the recess height, flue offset and flue height against your drawings. The flue height used is 7379mm from finished floor level to underside of pot with a flue offset of 715mm The Dunfil quantity is based on a 290mm by 290mm internal chimney space Please check the colour and type of pot and terminal required.</p>						
<b>System information</b>						
<p>Flue design and installation guidance is available by post, fax or website. Dunbrik liners have passed European standard BSEN1857 Type A1 (T600 N1 G D 3) The maximum fireplace recess size is 500mm by 550mm or 275,000 sq.mm</p>						
<b>Standard construction notes</b>						
<p>Please refer to the Dunbrik A1 concrete flue liners installation guide The liners to be encased in masonry with any voids around liners infilled with Dunfil. Minimum recess depth required is 375mm. Maximum builders opening is 600mm wide. The construction hearth is to have a minimum depth of 125mm The flue can be angled towards the desired termination position by rotating the first liner bend 360 degrees to offset the flue run in any direction.</p>						
<b>Special notes</b>						
<p><b>Please have your architect check this estimate prior to ordering.</b> <b>If your flue &amp; liner size differ from that shown, please supply full working drawings to Dunbrik for a more accurate estimate.</b></p>						
4650						
1829						
225						
675						
<b>Total</b>						
<b>7379</b>	mm flue height from finished floor level to underside of pot					

The checklist is based on Building Regulations ADJ Appendix A. with Dunbrik flue liner system data. The builder/installer should insert details of the actual fireplace opening sizes, actual ventilation installed and any variations to the usual data.

For	<b>Estimators Online Ltd.</b>	EOL ref	<b>21589EOL</b>
Site at	<b>Various.</b>	Plot no.	<b>Not Shown.</b>
System	<b>Dunbrik 200mm id A1 concrete flue liners</b>	House type	<b>Not Shown - Flue 1.</b>
Date printed	<b>02 May 2006</b>	Dunbrik ref	<b>A16436</b>

### Checklist for hearths, fireplaces, flues and chimneys

This checklist can help you to ensure hearths, fireplaces, flues and chimneys are satisfactory. If you have been directly engaged, copies should also be offered to the client and to the Building Control body to show what you have done to comply with the requirements of part J. If you are a sub-contractor, a copy should be offered to the main contractor.

Items listed in ADJ Appendix A	Details for builder to complete or amend	
1 Building address, where work has been carried out		
2 Identification of hearth, fireplace, chimney or flue.	<b>Not Shown - Flue 1.</b>	
3 Firing capability: solid fuel/gas/oil/all	<b>All</b>	
4 Intended type of appliance. State type or make. If open fire give finished fireplace opening dimensions.	<b>For gas fire or solid fuel 500mm by 550mm maximum or equivalent area</b>	
5 Ventilation provisions for the appliance State type and area of permanently open air vents	<b>20,000 sq mm minimum through wall ventilation</b>	
6 Chimney or flue construction a) State the type or make and whether new or existing. b) Internal flue size (and equivalent flue height, where calculated natural draught gas appliances only). c) If liners are used confirm they are correctly jointed in accordance with manufacturers instructions and state jointing materials used. d) If an existing chimney has been refurbished with a new liner, type or make of liner fitted. e) Details of flue outlet terminal Outlet detail Complies with: f) Number and angle of bends. g) Provision for cleaning and recommended frequency.	<b>New masonry chimney with Dunbrik A1 concrete flue liners to BSEN1857 200mm internal diameter</b>  <b>Tongue downwards into rebate and jointed with Dunseal fireproof mortar</b>  <b>Not applicable</b>  <b>Cannon pot 300mm tall red BS1181</b>  <b>2 bends at 22.5 degrees</b>  <b>Annually via fireplace opening</b>	
7 Hearth. Form of construction. New or existing	<b>New As diagram 2.9 in ADJ</b>	
8 Inspection and testing after completion Test (Appendix E in AD J 2002) and results  Flue inspection results Visual Sweeping Coring ball Smoke Appliance (where included) Spillage	Tests carried out by: _____ _____ _____	

**I/We the undersigned confirm that the above details are correct. In my opinion, these works comply with the relevant requirements in Part J of Schedule 1 to the Building Regulations.**

Print name & title	_____	Profession	_____
Capacity	_____	Tel no	_____
Address	_____	Postcode	_____
Signed	_____	Date	_____
Registered membership of (e.g. CORGI, OFTEC, HETAS, NACE, NACS)	_____		