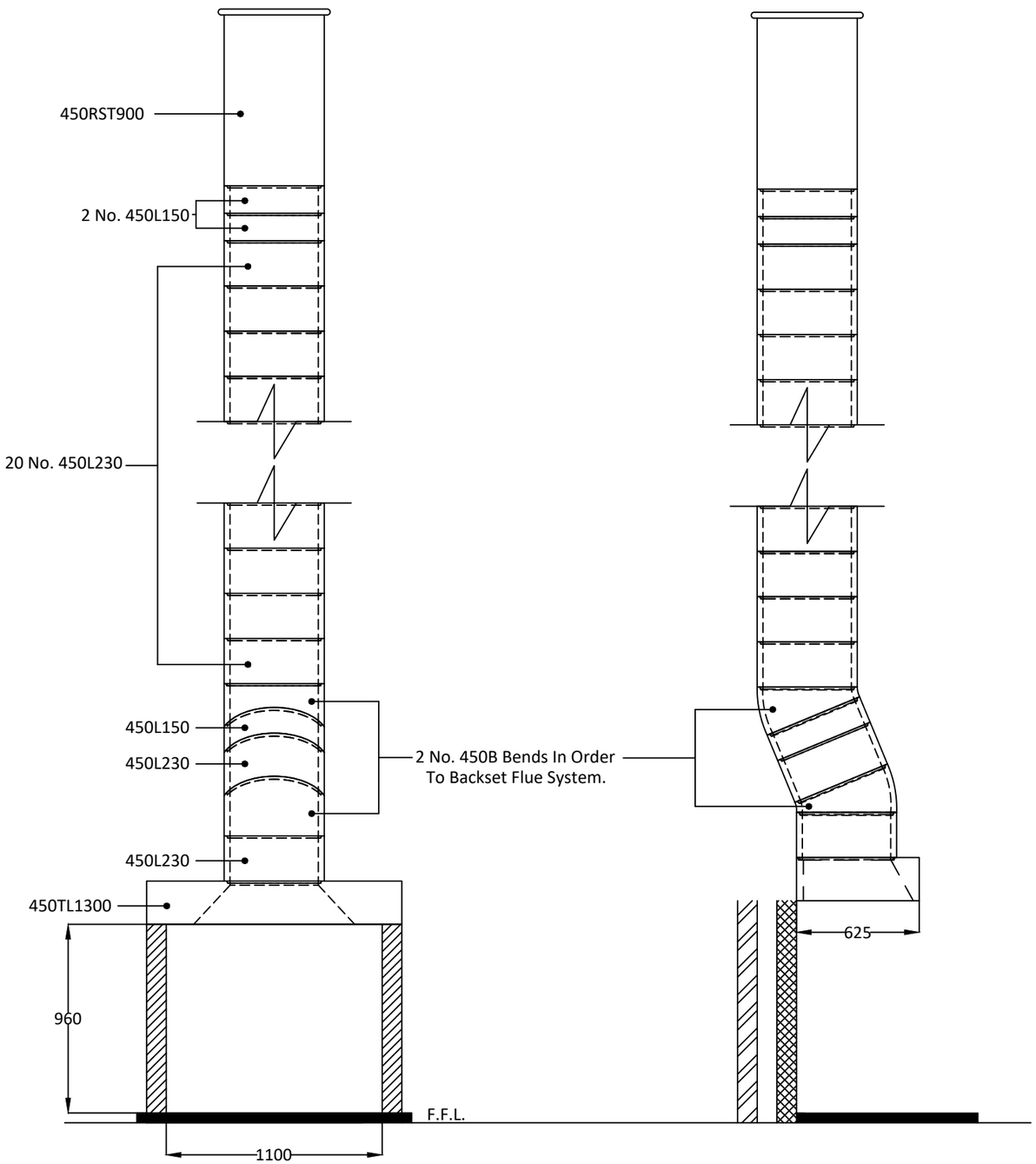
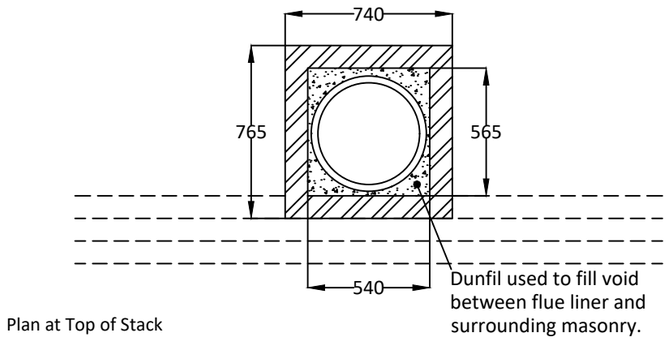
dunbrik flues
domestic flue & chimney systems
Telephone: 01924 373694 Email: tech@dunbrik.co.uk Web: www.dunbrik.co.uk

# Sample 450mm I.D. flue liner system for open fire with offset.

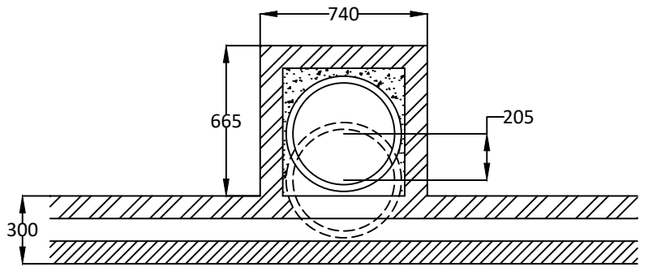
Date: November 2021

Ref: **450id-7m-offset**

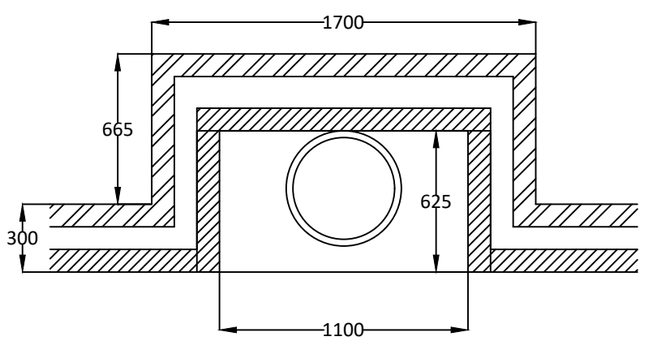



Plan at Top of Stack




Plan at First Floor Level




Plan at Ground Floor Level

Dunbrik A1 Concrete Flue Liner System to BS EN 1857

## Notes

Chimney Height of 7050mm from FFL to underside of chimney pot.

Please have your architect check this estimate to your drawings to ensure it meets both your requirements and current building regulations, british standards and codes of practice.

**ALL DIMENSIONS ARE SHOWN IN MILLIMETRES NOT TO SCALE**

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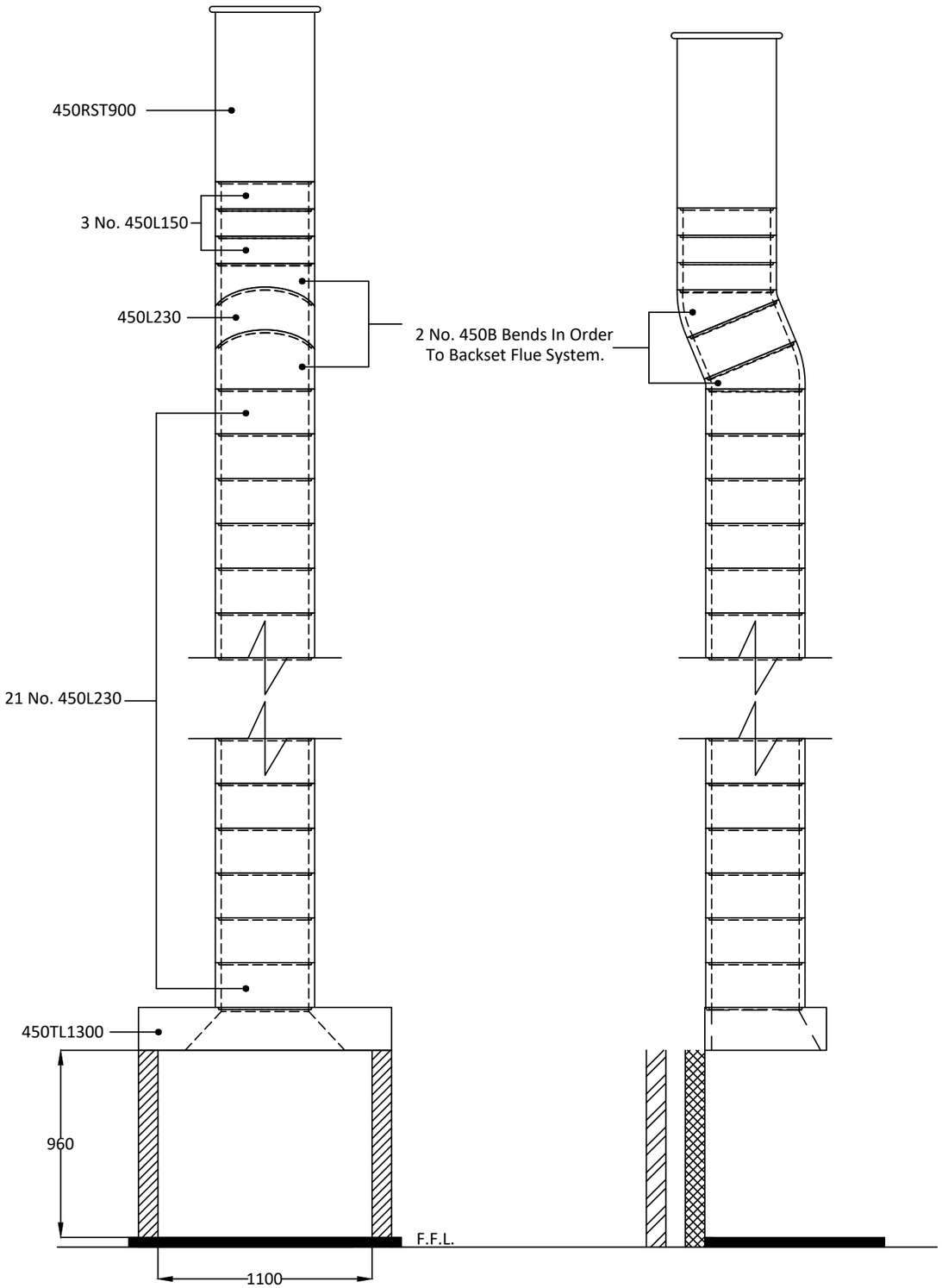
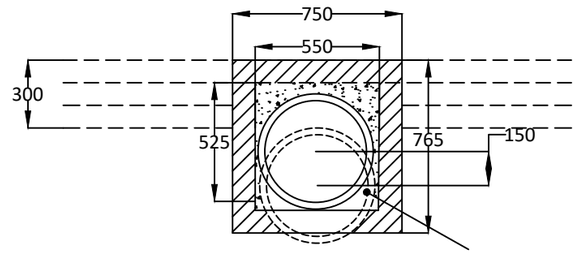
# Sample 450mm I.D. straight flue liner system for open fire.

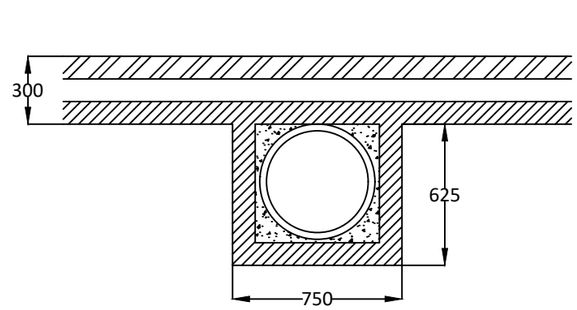
Date: November 2021

Ref: **450id-7m-offset**

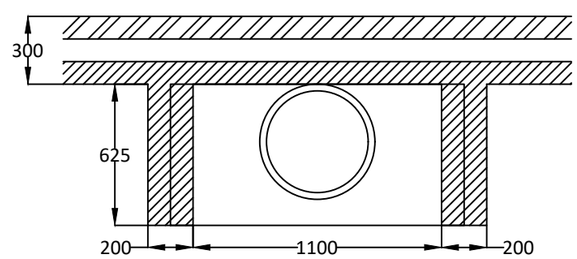



Plan at Top of Stack




Plan at First Floor Level




Plan at Ground Floor Level

## Notes

Chimney Height from FFL to underside of chimney pot.

Please have your architect check this estimate to your drawings to ensure it meets both your requirements and current building regulations, british standards and codes of practice.

**ALL DIMENSIONS ARE SHOWN IN MILLIMETRES NOT TO SCALE**

Dunbrik A1 Concrete Flue Liner System to BS EN 1857

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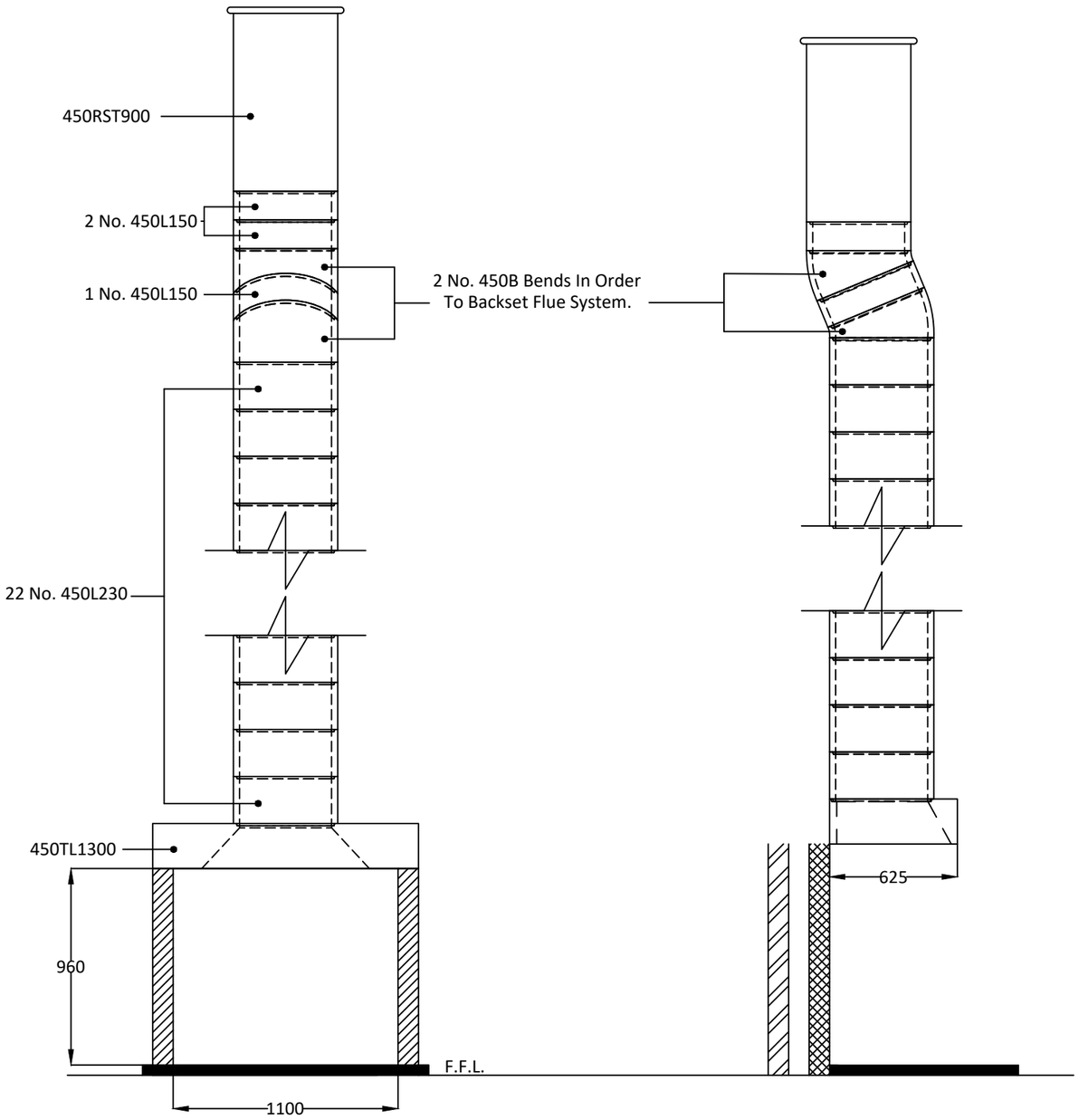
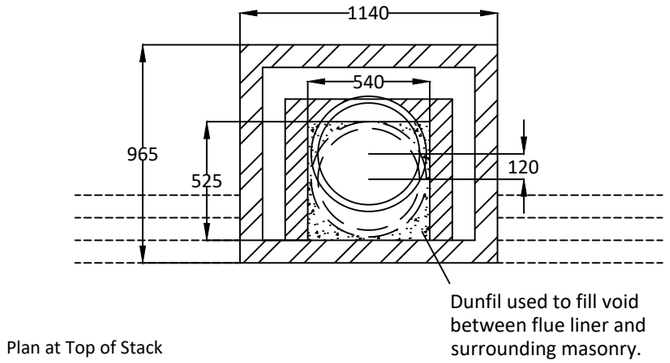
Telephone: 01924 373694 Email: tech@dunbrik.co.uk Web: www.dunbrik.co.uk

# Sample 450mm I.D. flue liner system for open fire with offset.

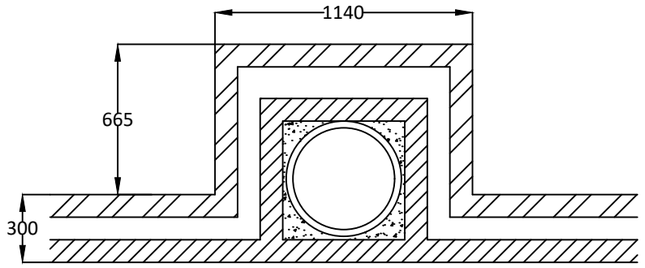
Date: November 2021

Ref: **450id-7m-offset**

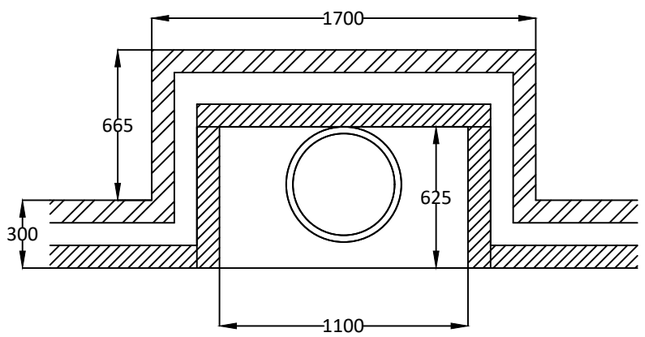



Plan at Top of Stack




Plan at First Floor Level




Plan at Ground Floor Level

Dunbrik A1 Concrete Flue Liner System to BS EN 1857

## Notes

Chimney Height from FFL to underside of chimney pot.

Please have your architect check this estimate to your drawings to ensure it meets both your requirements and current building regulations, british standards and codes of practice.

**ALL DIMENSIONS ARE SHOWN IN MILLIMETRES NOT TO SCALE**

**dunbrik flues**
**domestic flue & chimney systems**

**Dunbrik A1 Concrete Flue Liners**
for domestic chimneys
**Flue Costing**
450 mm id

**Tel: 01924 373694**
Email: tech@dunbrik.co.uk
Web: www.dunbrik.co.uk

Costing for: **SAMPLE COSTING**
House type 450mm I.D. flue system for open fire with offset.
Customer ref. Chimney height 7050mm from ffl to u/s pot
Site
Plot number

Costing ref **450id-7m-offset**
Date 30 November 2021
By
Price list October 2021

| Components | Product code | Qty | Prices each | Cost £ |
|---|---|---|---|---|
| Throat lintel/gather unit 1300mm wide | 450TL1300 | 1 | 240.64 | 240.64 |
| 450mm flue liner bend 22.5 degrees | 450B | 2 | 92.69 | 185.38 |
| 450mm flue liner 230mm tall | 450L230 | 22 | 58.96 | 1297.12 |
| 450mm flue liner 140mm tall | 450L150 | 3 | 38.47 | 115.41 |
| Flue liner sealant 310ml | Dunseal | 27 | 6.68 | 180.36 |
| Infill aggregate 22kg mix for void | Dunfil | 34 | 13.92 | 473.28 |
| 450mm straight 900mm pot red | 450RST900R | 1 | 357.92 | 357.92 |
| Topguard birdguard cowl 500 id red | TG500R | 1 | 191.53 | 191.53 |
| Smoke pellet tube | Smoke | 1 | 11.34 | 11.34 |
| Flue notice plate | Plate | 1 | 7.73 | 7.73 |
| 310ml Skeleton Gun | Sealgun | 1 | 6.40 | 6.40 |
| Red polypropylene air brick 220mm x 72mm | REDG930 | 13 | 0.92 | 11.96 |
| High impact styrene black cavity sleeve 218mm x 72mm | CSG935 | 13 | 5.03 | 65.39 |

| | | | |
|---|---|---|---|
| | Cost ex-works * | | **3144.46** |
| For UK mainland up to 300 miles, orders over £1,700 goods value are delivered free | Delivery charge | | **95.00** |
| Charge for individually plotting multiple flue orders is £30 per flue. | Goods | | **£ 3,239.46** |
| * For collection orders add collection charge of £15 plus VAT | VAT @ | 20% | **647.89** |
| | Total | | **£ 3,887.35** |

Prices shown are based on the Dunbrik ex-works trade price list of October 2021 and are valid for 30 days.
Prices are subject to VAT. All trading is subject to our standard conditions of sale (copy available).

**Notes**

This flue costing is based on information provided. Please have your architect check the costing to your drawings prior to ordering.
to ensure that it meets with your requirements. Please also check the pot/terminal style and colour.
For construction guidance refer to the flue illustration and the installation guide available by post, fax or website.

Please ensure that the flue and chimney are constructed in accordance with Building regulations part J

**dunbrik flues**
**domestic flue & chimney systems**

# Chimney Checklist

**Dunbrik (Yorks) Ltd**
Tel 01924 373694

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 | **SAMPLE COSTING** | Costing ref | **450id-7m-offset** |
| Site at | | Plot number | |
| System | **Dunbrik 450mm id A1 concrete flue liners** | House type | **450mm I.D. flue system for open fire with offset.** |
| Date | **30 Nov 2021** **450 mm id** | Customer ref. | **Chimney height 7050mm from ffl to u/s pot** |

## 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 | Amend |
|---|---|---|
| **1** Building address, where work has been carried out | | |
| **2** Identification of hearth, fireplace, chimney or flue. | **Fireplace in lounge** | |
| **3** Firing capability: solid fuel/gas/oil/all | **All** | |
| **4** Intended type of appliance. State type or make.<br>If open fire give finished fireplace opening dimensions. | **For gas fire or solid fuel fire**<br>**1,060,000 sq.mm maximum** | |
| **5** Ventilation provisions for the appliance<br>State type and area of permanently open air vents | **Through wall ventilation**<br>**80,000 sq mm minimum** | |
| **6** Chimney or flue construction<br>a) State the type or make and whether new or existing. | **New masonry chimney with:**<br>**Dunbrik A1 concrete flue liners to BSEN1857** | |
| b) Internal flue size (and equivalent flue height, where calculated natural draught gas appliances only). | **450mm internal diameter** | |
| c) If liners are used confirm they are correctly jointed in accordance with manufacturers instructions and state jointing materials used. | **Tongue downwards into rebate**<br>**and joined with Dunseal fireproof mortar** | |
| 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 | **450mm straight 900mm pot** | |
| Complies with: | **BSEN13502:2002** | |
| f) Number and angle of bends. | **2 bends ref 450B at 22.5 degrees** | |
| g) Provision for cleaning and recommended frequency. | **Annually via fireplace opening** | |
| **7** Hearth. Form of construction. New or existing | **New**<br>**As diagram 25 in ADJ** | |
| **8** Inspection and testing after completion<br>Test (Appendix E in AD J 2002) and results | Tests carried out by: | |
| Flue inspection results — Visual, Sweeping, Coring ball, Smoke | | |
| Appliance (where included) — Spillage | | |

**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. Gas Safety, OFTEC, HETAS, NACE, NACS)