

## Labeling

Where a hearth, fireplace (including a flue box), or system chimney is provided, extended or altered, information essential to the correct application and use of these facilities should be permanently posted in the dwelling to alert future workmen to the specification of the installed system. This also applies to cases where a flue liner is provided as part of refurbishment work.

The labels should be indelibly marked and contain the following information:

- the location of the hearth, fireplace (or flue box) or the location of the beginning of the flue;
- a chimney designation string in accordance with BS EN 1443: 2003 (see clause 3.18.2) for products whose performance characteristics have been assessed in accordance with a European Standard and that has been supplied and marked with a designation as described in the relevant European Standard;
- the category of the flue and generic types of appliance that can safely be accommodated;
- the type and size of the flue (or its liner);
- the installation date.

Please see example shown below:

IMPORTANT SAFETY INFORMATION	
This label must not be removed or covered	
Property address .....	20 Main Street New Town
The fireplace opening located in the .....	name of room
Is at the base of a chimney with a designation string .....	designation string
and, for example, is suitable for a .....	dfe gas fire
Chimney liner .....	xx mm diameter
Installed on .....	date
Any other information (optional).....	

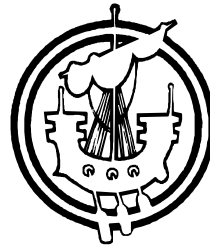
Labels should be located in a position that will not easily be obscured such as adjacent to:

- the gas or electricity meter; or
- the water supply stopcock; or
- the chimney or hearth described.

Please note that this leaflet is merely intended to provide supplementary guidance. Should you have any doubts about whether any work requires a building warrant or whether it complies with current regulations please consult the Building Standards Section at the number shown below.

Please also note that works of the nature included in this leaflet may still require a Building Warrant.

Information current at time of printing: 31/01/2011.



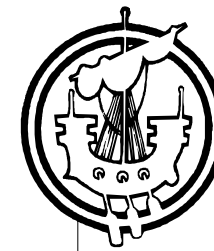
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## Building Standards

### Solid Fuel Appliances, Hearths & Fireplaces



The purpose of this leaflet is to provide additional guidance on the installation of solid fuel appliances and the construction of hearths and fireplaces in accordance with the current building regulations.

Please take one.

Should you need further assistance then please do not hesitate to contact one of our Building Standards officers.

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## Solid Fuel Appliances

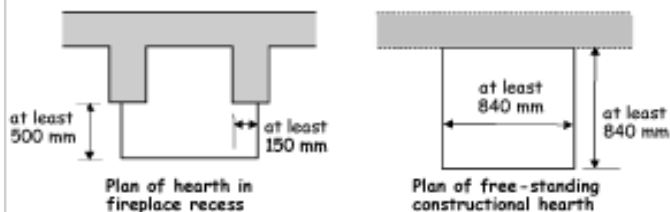
A closed appliance should have a supply of air for combustion by way of permanent ventilation through an opening or openings either direct to the open air or to an adjoining space which is itself permanently ventilated direct to the open air, in accordance with the manufacturer's instructions.

An open fire should have a supply of air for combustion by way of permanent ventilation through an opening or openings with a total free area of 15000mm<sup>2</sup> either direct to the open air or to an adjoining space which is itself permanently ventilated direct to the open air.

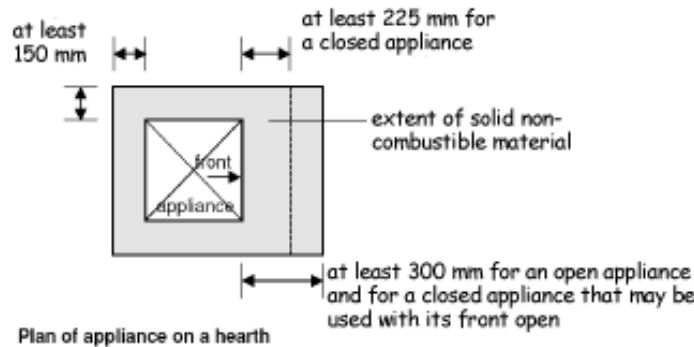
## Hearths

A solid fuel appliance should be provided with a solid, non-combustible hearth that will prevent the heat of the appliance from igniting combustible materials. A hearth should be provided to the following dimensions:

- a constructional hearth at least 125mm thick and projecting not less than 500mm in front of the jamb and not less than 150mm from each side of the opening in accordance with the following sketches; or
- a free-standing, solid, non-combustible hearth at least 840 x 840 mm minimum plan area and at least 12 mm thick, provided the appliance will not cause the temperature of the top surface of the hearth on which it stands to be more than 100° C.

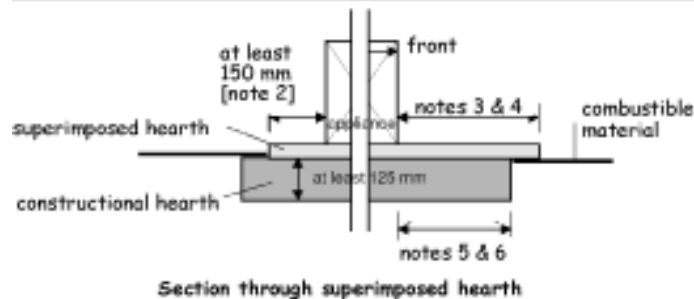


Not only should a solid fuel appliance sit on a hearth, but the appliance itself should also be located on the hearth such that protection will be offered from the risk of ignition of the floor by direct radiation, conduction or falling embers. The appliance should be located on a hearth in accordance with the following diagram:



The 150 mm does not apply where the appliance is located in a fireplace recess, nor does it apply where the back or sides of the hearth either abut or are carried into a solid, non-combustible wall.

A solid fuel appliance may sit on a superimposed hearth provided the hearth is positioned partly or wholly on a constructional hearth. The superimposed hearth should be of solid, non-combustible material, usually decorative, and be at least 50 mm



Notes:

- As previously stated, there need not be a 150 mm separation where the appliance is located in a fireplace recess etc.
- At least 225 mm for a closed appliance.
- At least 300 mm for an open appliance and for a closed appliance that may properly be used with its front open.
- No part of the appliance should project over any edge of the constructional hearth.
- At least 150 mm to combustible material, measured horizontally.

Walls that are not part of a fireplace recess or a prefabricated appliance chamber but are adjacent to hearths or appliances should also protect the dwelling from catching fire. This is particularly relevant to timber-framed buildings. Any part of a dwelling therefore that abuts or is adjacent to a hearth, should be constructed in such a way as to minimise the risk of ignition by direct radiation or conduction from a solid fuel appliance located upon the hearth. This recommendation does not relate to floors, as an appliance should stand on a suitable hearth. The building elements adjacent to combustion appliances should be constructed in accordance to the following recommendations:

- the hearth located in a fireplace recess in accordance with BS 8303: Part 1: 1994; or
- any part of the dwelling, other than the floor, not more than 150 mm from the hearth, constructed of solid, non-combustible material in accordance with the diagram below:

